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          <xs:attribute name="NOME-INSTITUICAO"/>
          <xs:attribute name="CODIGO-ORGAO"/>
          <xs:attribute name="NOME-ORGAO"/>
          <xs:attribute name="CODIGO-CURSO"/>
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```xml
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            <xs:enumeration value="INCOMPLETO"/>
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        </xs:simpleType>
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      <xs:attribute name="ANO-DE-INICIO"/>
      <xs:attribute name="ANO-DE-CONCLUSAO"/>
      <xs:attribute name="FLAG-BOLSA"/>
      <xs:attribute name="CODIGO-AGENCIA-FINANCIADORA"/>
      <xs:attribute name="NOME-AGENCIA"/>
      <xs:attribute name="ANO-DE-OBTENCAO-DO-TITULO"/>
      <xs:attribute name="TITULO-DA-DISSERTACAO-TESE"/>
      <xs:attribute name="NOME-COMPLETO-DO-ORIENTADOR"/>
      <xs:attribute name="NUMERO-ID-ORIENTADOR"/>
      <xs:attribute name="CODIGO-CURSO-CAPES"/>
      <xs:attribute name="TITULO-DA-DISSERTACAO-TESE-INGLES"/>
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    </xs:complexType>
</xs:element>
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    <xs:attribute name="NOME-ORGAO"/>
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    <xs:attribute name="NOME-CURSO"/>
    <xs:attribute name="CODIGO-AREA-CURSO"/>
    <xs:attribute name="STATUS-DO-CURSO">
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          <xs:enumeration value="INCOMPLETO"/>
        </xs:restriction>
      </xs:simpleType>
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    <xs:attribute name="ANO-DE-CONCLUSAO"/>
    <xs:attribute name="FLAG-BOLSA"/>
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    <xs:attribute name="NOME-AGENCIA"/>
    <xs:attribute name="ANO-DE-OBTENCAO-DO-TITULO"/>
    <xs:attribute name="TITULO-DA-DISSERTACAO-TESE"/>
    <xs:attribute name="NOME-COMPLETO-DO-ORIENTADOR"/>
    <xs:attribute name="TIPO-DOUTORADO"/>
    <xs:attribute name="CODIGO-INSTITUICAO-DOUT"/>
    <xs:attribute name="NOME-INSTITUICAO-DOUT"/>
    <xs:attribute name="CODIGO-INSTITUICAO-OUTRA-DOUT"/>
    <xs:attribute name="NOME-INSTITUICAO-OUTRA-DOUT"/>
    <xs:attribute name="NOME-ORIENTADOR-DOUT"/>
    <xs:attribute name="NUMERO-ID-ORIENTADOR"/>
    <xs:attribute name="CODIGO-CURSO-CAPES"/>
    <xs:attribute name="TITULO-DA-DISSERTACAO-TESE-INGLES"/>
    <xs:attribute name="NOME-CURSO-INGLES"/>
    <xs:attribute name="NOME-DO-ORIENTADOR-CO-TUTELA"/>
    <xs:attribute name="CODIGO-INSTITUICAO-OUTRA-CO-TUTELA"/>
    <xs:attribute name="CODIGO-INSTITUICAO-CO-TUTELA"/>
    <xs:attribute name="NOME-DO-ORIENTADOR-SANDUICHE"/>
    <xs:attribute name="CODIGO-INSTITUICAO-OUTRA-SANDUICHE"/>
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```xml
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    <xs:sequence>
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      <xs:element minOccurs="0" ref="SETORES-DE-ATIVIDADE"/>
    </xs:sequence>
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    <xs:attribute name="CODIGO-INSTITUICAO"/>
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    <xs:attribute name="STATUS-DO-CURSO">
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          <xs:enumeration value="CONCLUIDO"/>
          <xs:enumeration value="INCOMPLETO"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="ANO-DE-INICIO"/>
    <xs:attribute name="ANO-DE-CONCLUSAO"/>
    <xs:attribute name="FLAG-BOLSA"/>
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    <xs:attribute name="TITULO-DA-RESIDENCIA-MEDICA-INGLES"/>
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    <xs:attribute name="CODIGO-INSTITUICAO"/>
    <xs:attribute name="NOME-INSTITUICAO"/>
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    <xs:attribute name="ANO-DE-INICIO"/>
    <xs:attribute name="ANO-DE-CONCLUSAO"/>
    <xs:attribute name="ANO-DE-OBTENCAO-DO-TITULO"/>
    <xs:attribute name="FLAG-BOLSA"/>
    <xs:attribute name="CODIGO-AGENCIA-FINANCIADORA"/>
    <xs:attribute name="NOME-AGENCIA"/>
    <xs:attribute name="STATUS-DO-ESTAGIO"/>
    <xs:attribute name="STATUS-DO-CURSO"/>
    <xs:attribute name="NUMERO-ID-ORIENTADOR"/>
    <xs:attribute name="CODIGO-CURSO-CAPES"/>
    <xs:attribute name="TITULO-DO-TRABALHO"/>
    <xs:attribute name="TITULO-DO-TRABALHO-INGLES"/>
    <xs:attribute name="NOME-CURSO-INGLES"/>
  </xs:complexType>
</xs:element>
<!-- ################################################################ -->
```

```xml
<!--  Definicao dos elementos utilizados em Atuacao Profissional -->
<!-- ############################################################ -->
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  <xs:complexType mixed="true">
    <xs:attribute name="SEQUENCIA-ESPECIFICACAO"/>
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      <xs:element minOccurs="0" ref="SETORES-DE-ATIVIDADE"/>
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    <xs:attribute name="TITULO-DA-LINHA-DE-PESQUISA-INGLES"/>
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    <xs:sequence>
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      <xs:element minOccurs="0" ref="FINANCIADORES-DO-PROJETO"/>
      <xs:element minOccurs="0" ref="PRODUCOES-CT-DO-PROJETO"/>
      <xs:element minOccurs="0" ref="ORIENTACOES"/>
    </xs:sequence>
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    <xs:attribute name="ANO-INICIO"/>
    <xs:attribute name="ANO-FIM"/>
    <xs:attribute name="NOME-DO-PROJETO"/>
    <xs:attribute name="SITUACAO">
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          <xs:enumeration value="DESATIVADO"/>
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        </xs:restriction>
      </xs:simpleType>
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          <xs:enumeration value="EXTENSAO"/>
          <xs:enumeration value="PESQUISA"/>
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      </xs:simpleType>
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    <xs:attribute name="NUMERO-ESPECIALIZACAO"/>
    <xs:attribute name="NUMERO-MESTRADO-ACADEMICO"/>
    <xs:attribute name="NUMERO-MESTRADO-PROF"/>
    <xs:attribute name="NUMERO-DOUTORADO"/>
    <xs:attribute name="DESCRICAO-DO-PROJETO"/>
    <xs:attribute name="IDENTIFICADOR-PROJETO"/>
    <xs:attribute name="DESCRICAO-DO-PROJETO-INGLES"/>
    <xs:attribute name="NOME-DO-PROJETO-INGLES"/>
    <xs:attribute name="FLAG-POTENCIAL-INOVACAO" default="NAO">
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```

```xml
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        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
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    <xs:attribute name="NOME-PARA-CITACAO"/>
    <xs:attribute name="ORDEM-DE-INTEGRACAO"/>
    <xs:attribute name="FLAG-RESPONSAVEL">
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    <xs:attribute name="NOME-INSTITUICAO"/>
    <xs:attribute name="NATUREZA">
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          <xs:enumeration value="REMUNERACAO"/>
          <xs:enumeration value="OUTRO"/>
          <xs:enumeration value="COOPERACAO"/>
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```xml
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        <xs:attribute name="TIPO-PRODUCAO-CT"/>
        <xs:attribute name="TITULO-DA-PRODUCAO-CT-INGLES"/>
      </xs:complexType>
  </xs:element>
  <xs:element name="ORIENTACOES">
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      <xs:sequence>
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    </xs:complexType>
  </xs:element>
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    <xs:complexType>
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      <xs:attribute name="TITULO-ORIENTACAO"/>
      <xs:attribute name="TIPO-ORIENTACAO"/>
      <xs:attribute name="TITULO-ORIENTACAO-INGLES"/>
    </xs:complexType>
  </xs:element>
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  <!-- ################################################################ -->
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        <xs:element minOccurs="0" ref="ATIVIDADES-DE-DIRECAO-E-ADMINISTRACAO"/>
        <xs:element minOccurs="0" ref="ATIVIDADES-DE-PESQUISA-E-DESENVOLVIMENTO"/>
        <xs:element minOccurs="0" ref="ATIVIDADES-DE-ENSINO"/>
        <xs:element minOccurs="0" ref="ATIVIDADES-DE-ESTAGIO"/>
        <xs:element minOccurs="0" ref="ATIVIDADES-DE-SERVICO-TECNICO-ESPECIALIZADO"/>
        <xs:element minOccurs="0" ref="ATIVIDADES-DE-EXTENSAO-UNIVERSITARIA"/>
        <xs:element minOccurs="0" ref="ATIVIDADES-DE-TREINAMENTO-MINISTRADO"/>
        <xs:element minOccurs="0" ref="OUTRAS-ATIVIDADES-TECNICO-CIENTIFICA"/>
        <xs:element minOccurs="0" ref="ATIVIDADES-DE-CONSELHO-COMISSAO-E-CONSULTORIA"/>
        <xs:element minOccurs="0" ref="ATIVIDADES-DE-PARTICIPACAO-EM-PROJETO"/>
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      <xs:attribute name="NOME-INSTITUICAO"/>
      <xs:attribute name="SEQUENCIA-ATIVIDADE"/>
      <xs:attribute name="SEQUENCIA-IMPORTANCIA"/>
    </xs:complexType>
  </xs:element>
  <!-- OBSERVAR QUE PARA TIPO DO VINCULO E ENQUADRAMENTO - ENTRADA LIVRE -->
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            <xs:enumeration value="CELETISTA"/>
            <xs:enumeration value="PROFESSOR_VISITANTE"/>
            <xs:enumeration value="COLABORADOR"/>
            <xs:enumeration value="BOLSISTA_RECEM_DOUTOR"/>
            <xs:enumeration value="OUTRO"/>
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          </xs:restriction>
        </xs:simpleType>
```

```xml
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        </xs:attribute>
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        </xs:attribute>
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      <xs:complexType>
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        <xs:attribute name="FLAG-PERIODO">
          <xs:simpleType>
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        <xs:attribute name="ANO-INICIO"/>
        <xs:attribute name="MES-FIM"/>
        <xs:attribute name="ANO-FIM"/>
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        <xs:attribute name="NOME-ORGAO"/>
        <xs:attribute name="CODIGO-UNIDADE"/>
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              <xs:enumeration value="COORDENADOR_DE_CURSO"/>
              <xs:enumeration value="COORDENADOR_DE_PROGRAMA"/>
              <xs:enumeration value="DECANO_DE_CENTRO"/>
              <xs:enumeration value="DIRETOR_DE_UNIDADE"/>
              <xs:enumeration value="MEMBRO_DE_COLEGIADO_SUPERIOR"/>
              <xs:enumeration value="MEMBRO_DE_COMISSAO_PERMANENTE"/>
```

```xml
              <xs:enumeration value="MEMBRO_DE_COMISSAO_TEMPORARIA"/>
              <xs:enumeration value="MEMBRO_DE_CONSELHO_DE_CENTRO"/>
              <xs:enumeration value="MEMBRO_DE_CONSELHO_DE_UNIDADE"/>
              <xs:enumeration value="REITOR"/>
              <xs:enumeration value="VICE_REITOR_OU_PRO_REITOR"/>
              <xs:enumeration value="OUTRO"/>
              <xs:enumeration value="LIVRE"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="CARGO-OU-FUNCAO"/>
        <xs:attribute name="NOME-UNIDADE"/>
        <xs:attribute name="CARGO-OU-FUNCAO-INGLES"/>
      </xs:complexType>
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        <xs:sequence>
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        </xs:sequence>
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        <xs:attribute name="FLAG-PERIODO">
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            <xs:restriction base="xs:token">
              <xs:enumeration value="ANTERIOR"/>
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            </xs:restriction>
          </xs:simpleType>
        </xs:attribute>
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        <xs:attribute name="ANO-INICIO"/>
        <xs:attribute name="MES-FIM"/>
        <xs:attribute name="ANO-FIM"/>
        <xs:attribute name="CODIGO-ORGAO"/>
        <xs:attribute name="NOME-ORGAO"/>
        <xs:attribute name="CODIGO-UNIDADE"/>
        <xs:attribute name="NOME-UNIDADE"/>
      </xs:complexType>
    </xs:element>
    <xs:element name="ATIVIDADES-DE-ENSINO">
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        <xs:attribute name="FLAG-PERIODO">
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```xml
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```xml
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```xml
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      />
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      <xs:attribute name="ANO-DA-PREMIACAO"/>
      <xs:attribute name="NOME-DO-PREMIO-OU-TITULO-INGLES"/>
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```xml
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##############################################################################
####### -->
    <!---->
    <!-- SEGMENTO DA PRODUCAO BIBLIOGRAFICA -->
    <!---->
    <!--
##############################################################################
####### -->
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          <xs:element minOccurs="0" ref="TEXTOS-EM-JORNAIS-OU-REVISTAS"/>
          <xs:element minOccurs="0" ref="DEMAIS-TIPOS-DE-PRODUCAO-BIBLIOGRAFICA"/>
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        <xs:sequence>
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```xml
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        <xs:attribute name="PAIS-DO-EVENTO"/>
        <xs:attribute name="IDIOMA"/>
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              <xs:enumeration value="MEIO_DIGITAL"/>
              <xs:enumeration value="FILME"/>
              <xs:enumeration value="HIPERTEXTO"/>
              <xs:enumeration value="OUTRO"/>
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```xml
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  </xs:element>
  <!-- ######################### OBSERVACAO ############################# -->
  <!-- PARA MANTER A COMPATIBILIZACAO COM O DATACAPES (COLETA), E HAVENDO A -->
  <!-- INFORMACAO SOBRE O AUTOR, INCLUIR O NUMERO DO CPF PARA BRASILEIROS -->
  <!-- ######################### OBSERVACAO ############################# -->
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      <xs:attribute name="NOME-PARA-CITACAO"/>
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      <xs:attribute name="IDIOMA"/>
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            <xs:enumeration value="MEIO_DIGITAL"/>
            <xs:enumeration value="FILME"/>
            <xs:enumeration value="HIPERTEXTO"/>
```

```xml
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            <xs:enumeration value="VARIOS"/>
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    <xs:attribute name="ISSN"/>
    <xs:attribute name="VOLUME"/>
    <xs:attribute name="FASCICULO"/>
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      <xs:element minOccurs="0" ref="INFORMACOES-ADICIONAIS"/>
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    <xs:attribute name="SEQUENCIA-PRODUCAO"/>
  </xs:complexType>
</xs:element>
<xs:element name="DADOS-BASICOS-DA-TRADUCAO">
  <xs:complexType>
    <xs:attribute name="NATUREZA">
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          <xs:enumeration value="LIVRO"/>
          <xs:enumeration value="OUTRO"/>
          <xs:enumeration value="NAO_INFORMADO"/>
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    </xs:attribute>
    <xs:attribute name="TITULO"/>
    <xs:attribute name="ANO"/>
    <xs:attribute name="PAIS-DE-PUBLICACAO"/>
    <xs:attribute name="IDIOMA"/>
    <xs:attribute name="MEIO-DE-DIVULGACAO" default="NAO_INFORMADO">
```

```xml
        <xs:simpleType>
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            <xs:enumeration value="IMPRESSO"/>
            <xs:enumeration value="WEB"/>
            <xs:enumeration value="MEIO_MAGNETICO"/>
            <xs:enumeration value="MEIO_DIGITAL"/>
            <xs:enumeration value="FILME"/>
            <xs:enumeration value="HIPERTEXTO"/>
            <xs:enumeration value="OUTRO"/>
            <xs:enumeration value="VARIOS"/>
            <xs:enumeration value="NAO_INFORMADO"/>
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      <xs:attribute name="TITULO-INGLES"/>
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</xs:element>
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    <xs:attribute name="TITULO-DA-OBRA-ORIGINAL"/>
    <xs:attribute name="ISSN-ISBN"/>
    <xs:attribute name="IDIOMA-DA-OBRA-ORIGINAL"/>
    <xs:attribute name="EDITORA-DA-TRADUCAO"/>
    <xs:attribute name="CIDADE-DA-EDITORA"/>
    <xs:attribute name="NUMERO-DE-PAGINAS"/>
    <xs:attribute name="NUMERO-DA-EDICAO-REVISAO"/>
    <xs:attribute name="VOLUME"/>
    <xs:attribute name="FASCICULO"/>
    <xs:attribute name="SERIE"/>
  </xs:complexType>
</xs:element>
<!---->
<!---->
<!-- SEGMENTO DA PRODUCAO TECNICA -->
<!---->
<!---->
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    <xs:sequence>
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      <xs:element minOccurs="0" maxOccurs="unbounded" ref="SOFTWARE"/>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="PATENTE"/>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="CULTIVAR-PROTEGIDA"/>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="DESENHO-INDUSTRIAL"/>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="MARCA"/>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref=
      "TOPOGRAFIA-DE-CIRCUITO-INTEGRADO"/>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="PRODUTO-TECNOLOGICO"/>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="PROCESSOS-OU-TECNICAS"/>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="TRABALHO-TECNICO"/>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref=
      "DEMAIS-TIPOS-DE-PRODUCAO-TECNICA"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="REGISTRO-OU-PATENTE">
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    <xs:attribute name="TIPO-PATENTE">
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        <xs:restriction base="xs:token">
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          <xs:enumeration value="MODELO_DE_UTILIDADE_MU"/>
```

```xml
                    <xs:enumeration value="DESENHO_INDUSTRIAL_DI"/>
                    <xs:enumeration value="MODELO_INDUSTRIAL_MI"/>
                    <xs:enumeration value="PATENTE_NO_EXTERIOR_PE"/>
                    <xs:enumeration value="PROGRAMA_DE_COMPUTADOR_PC"/>
                    <xs:enumeration value="OUTRO_OU"/>
                    <xs:enumeration value="OUTRO_Ou"/>
                    <xs:enumeration value="CERTIFICADO_DE_ADICAO_CA"/>
                    <xs:enumeration value="CULTIVAR_PROTEGIDA_CTV"/>
                    <xs:enumeration value="MARCA_REGISTRADA_DE_PRODUTO_MPD"/>
                    <xs:enumeration value="MARCA_REGISTRADA_DE_SERVICO_MSV"/>
                    <xs:enumeration value="MARCA_REGISTRADA_COLETIVA_MCL"/>
                    <xs:enumeration value="MARCA_REGISTRADA_DE_CERTIFICACAO_MCT"/>
                    <xs:enumeration value="TOPOGRAFIA_DE_CIRCUITO_INTEGRADO_REGISTRADA_TCI"/>
                    <xs:enumeration value="MARCA_REGISTRADA_FIGURATIVA_MRF"/>
                    <xs:enumeration value="MARCA_REGISTRADA_NOMINATIVA_MRN"/>
                    <xs:enumeration value="MARCA_REGISTRADA_MISTA_MRM"/>
                    <xs:enumeration value="MARCA_REGISTRADA_TRIDIMENSIONAL_MRT"/>
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        <xs:attribute name="DATA-DE-CONCESSAO"/>
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            </xs:simpleType>
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            </xs:simpleType>
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```xml
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          <xs:element minOccurs="0" ref="INFORMACOES-ADICIONAIS"/>
        </xs:sequence>
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</xs:element>
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      <xs:attribute name="NATUREZA">
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            <xs:enumeration value="MULTIMIDIA"/>
            <xs:enumeration value="OUTRO"/>
            <xs:enumeration value="NAO_INFORMADO"/>
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      </xs:attribute>
      <xs:attribute name="TITULO-DO-SOFTWARE"/>
      <xs:attribute name="ANO"/>
      <xs:attribute name="PAIS"/>
      <xs:attribute name="IDIOMA"/>
      <xs:attribute name="MEIO-DE-DIVULGACAO" default="NAO_INFORMADO">
        <xs:simpleType>
          <xs:restriction base="xs:token">
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            <xs:enumeration value="WEB"/>
            <xs:enumeration value="MEIO_MAGNETICO"/>
            <xs:enumeration value="MEIO_DIGITAL"/>
            <xs:enumeration value="FILME"/>
            <xs:enumeration value="HIPERTEXTO"/>
            <xs:enumeration value="OUTRO"/>
            <xs:enumeration value="VARIOS"/>
            <xs:enumeration value="NAO_INFORMADO"/>
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        </xs:simpleType>
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      <xs:attribute name="HOME-PAGE-DO-TRABALHO"/>
      <xs:attribute name="FLAG-RELEVANCIA" default="NAO">
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            <xs:enumeration value="SIM"/>
            <xs:enumeration value="NAO"/>
          </xs:restriction>
        </xs:simpleType>
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      <xs:attribute name="DOI"/>
      <xs:attribute name="TITULO-DO-SOFTWARE-INGLES"/>
      <xs:attribute name="FLAG-DIVULGACAO-CIENTIFICA" default="NAO">
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            <xs:enumeration value="SIM"/>
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        </xs:simpleType>
      </xs:attribute>
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        <xs:simpleType>
          <xs:restriction base="xs:token">
            <xs:enumeration value="SIM"/>
            <xs:enumeration value="NAO"/>
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        </xs:simpleType>
      </xs:attribute>
    </xs:complexType>
</xs:element>
<xs:element name="DETALHAMENTO-DO-SOFTWARE">
    <xs:complexType>
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="unbounded" ref="REGISTRO-OU-PATENTE"/>
      </xs:sequence>
```

```xml
              <xs:attribute name="FINALIDADE"/>
              <xs:attribute name="PLATAFORMA"/>
              <xs:attribute name="AMBIENTE"/>
              <xs:attribute name="DISPONIBILIDADE" default="NAO_INFORMADO">
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                    <xs:enumeration value="IRRESTRITA"/>
                    <xs:enumeration value="NAO_INFORMADO"/>
                  </xs:restriction>
                </xs:simpleType>
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              <xs:attribute name="INSTITUICAO-FINANCIADORA"/>
              <xs:attribute name="FINALIDADE-INGLES"/>
          </xs:complexType>
      </xs:element>
      <xs:element name="PRODUTO-TECNOLOGICO">
        <xs:complexType>
          <xs:sequence>
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            <xs:element ref="DETALHAMENTO-DO-PRODUTO-TECNOLOGICO"/>
            <xs:element minOccurs="0" maxOccurs="unbounded" ref="AUTORES"/>
            <xs:element minOccurs="0" ref="PALAVRAS-CHAVE"/>
            <xs:element minOccurs="0" ref="AREAS-DO-CONHECIMENTO"/>
            <xs:element minOccurs="0" ref="SETORES-DE-ATIVIDADE"/>
            <xs:element minOccurs="0" ref="INFORMACOES-ADICIONAIS"/>
          </xs:sequence>
          <xs:attribute name="SEQUENCIA-PRODUCAO"/>
        </xs:complexType>
      </xs:element>
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            <xs:simpleType>
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                <xs:enumeration value="PROJETO"/>
                <xs:enumeration value="PROTOTIPO"/>
                <xs:enumeration value="OUTRO"/>
                <xs:enumeration value="NAO_INFORMADO"/>
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            </xs:simpleType>
          </xs:attribute>
          <xs:attribute name="NATUREZA" default="NAO_INFORMADO">
            <xs:simpleType>
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                <xs:enumeration value="FARMACOS_E_SIMILARES"/>
                <xs:enumeration value="INSTRUMENTO"/>
                <xs:enumeration value="OUTRA"/>
                <xs:enumeration value="NAO_INFORMADO"/>
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          <xs:attribute name="TITULO-DO-PRODUTO"/>
          <xs:attribute name="ANO"/>
          <xs:attribute name="PAIS"/>
          <xs:attribute name="IDIOMA"/>
          <xs:attribute name="MEIO-DE-DIVULGACAO" default="NAO_INFORMADO">
            <xs:simpleType>
              <xs:restriction base="xs:token">
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                <xs:enumeration value="WEB"/>
                <xs:enumeration value="MEIO_MAGNETICO"/>
                <xs:enumeration value="MEIO_DIGITAL"/>
                <xs:enumeration value="FILME"/>
                <xs:enumeration value="HIPERTEXTO"/>
                <xs:enumeration value="OUTRO"/>
                <xs:enumeration value="VARIOS"/>
                <xs:enumeration value="NAO_INFORMADO"/>
              </xs:restriction>
            </xs:simpleType>
```

```xml
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              <xs:enumeration value="NAO"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="DOI"/>
        <xs:attribute name="TITULO-DO-PRODUTO-INGLES"/>
        <xs:attribute name="FLAG-POTENCIAL-INOVACAO" default="NAO">
          <xs:simpleType>
            <xs:restriction base="xs:token">
              <xs:enumeration value="SIM"/>
              <xs:enumeration value="NAO"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:attribute>
      </xs:complexType>
  </xs:element>
  <xs:element name="DETALHAMENTO-DO-PRODUTO-TECNOLOGICO">
    <xs:complexType>
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="unbounded" ref="REGISTRO-OU-PATENTE"/>
      </xs:sequence>
      <xs:attribute name="FINALIDADE"/>
      <xs:attribute name="DISPONIBILIDADE"/>
      <xs:attribute name="CIDADE-DO-PRODUTO"/>
      <xs:attribute name="INSTITUICAO-FINANCIADORA"/>
      <xs:attribute name="FINALIDADE-INGLES"/>
    </xs:complexType>
  </xs:element>
  <!-- NOVOS TIPOS DE REGISTRO OU PATENTE - INICIO -->
  <!--
    O TIPO TITULARES SERÁ INCLUÍDO NA PRÓXIMA VERSÃO
    <!ELEMENT TITULARES EMPTY>
    <!ATTLIST TITULARES
        NOME CDATA  #IMPLIED
        NOME-PARA-CITACAO CDATA  #IMPLIED
        ORDEM CDATA  #IMPLIED
        NRO-ID-CNPQ CDATA  #IMPLIED
        COD_INST  CDATA  #IMPLIED
        TIPO (PESSOA | INSTITUICAO ) "PESSOA"
    >
  -->
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      <xs:sequence>
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        <xs:element minOccurs="0" ref="DETALHAMENTO-DA-PATENTE"/>
        <xs:element minOccurs="0" maxOccurs="unbounded" ref="AUTORES"/>
        <xs:element minOccurs="0" ref="PALAVRAS-CHAVE"/>
        <xs:element minOccurs="0" ref="AREAS-DO-CONHECIMENTO"/>
        <xs:element minOccurs="0" ref="SETORES-DE-ATIVIDADE"/>
        <xs:element minOccurs="0" ref="INFORMACOES-ADICIONAIS"/>
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      <xs:attribute name="SEQUENCIA-PRODUCAO"/>
    </xs:complexType>
  </xs:element>
  <xs:element name="DADOS-BASICOS-DA-PATENTE">
    <xs:complexType>
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      <xs:attribute name="ANO-DESENVOLVIMENTO"/>
      <xs:attribute name="PAIS"/>
      <xs:attribute name="HOME-PAGE"/>
      <xs:attribute name="MEIO-DE-DIVULGACAO" default="NAO_INFORMADO">
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          <xs:restriction base="xs:token">
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            <xs:enumeration value="WEB"/>
            <xs:enumeration value="MEIO_MAGNETICO"/>
```

```xml
                <xs:enumeration value="MEIO_DIGITAL"/>
                <xs:enumeration value="FILME"/>
                <xs:enumeration value="HIPERTEXTO"/>
                <xs:enumeration value="OUTRO"/>
                <xs:enumeration value="VARIOS"/>
                <xs:enumeration value="NAO_INFORMADO"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="FLAG-RELEVANCIA" default="NAO">
          <xs:simpleType>
            <xs:restriction base="xs:token">
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                <xs:enumeration value="NAO"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="TITULO-INGLES"/>
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                <xs:enumeration value="SIM"/>
                <xs:enumeration value="NAO"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:attribute>
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</xs:element>
<xs:element name="DETALHAMENTO-DA-PATENTE">
  <xs:complexType>
    <xs:sequence>
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      <xs:element minOccurs="0" maxOccurs="unbounded" ref="HISTORICO-SITUACOES-PATENTE"/>
    </xs:sequence>
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    <xs:attribute name="INSTITUICAO-FINANCIADORA"/>
    <xs:attribute name="FINALIDADE-INGLES"/>
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</xs:element>
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    <xs:sequence>
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      <xs:element minOccurs="0" ref="PALAVRAS-CHAVE"/>
      <xs:element minOccurs="0" ref="AREAS-DO-CONHECIMENTO"/>
      <xs:element minOccurs="0" ref="SETORES-DE-ATIVIDADE"/>
      <xs:element minOccurs="0" ref="INFORMACOES-ADICIONAIS"/>
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  <xs:complexType>
    <xs:sequence>
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      <xs:element minOccurs="0" ref="PALAVRAS-CHAVE"/>
      <xs:element minOccurs="0" ref="AREAS-DO-CONHECIMENTO"/>
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</xs:element>
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  <xs:complexType>
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    <xs:attribute name="ANO-SOLICITACAO"/>
    <xs:attribute name="PAIS"/>
```

```xml
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              <xs:restriction base="xs:token">
                <xs:enumeration value="SIM"/>
                <xs:enumeration value="NAO"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:attribute>
          <xs:attribute name="DENOMINACAO-INGLES"/>
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            <xs:simpleType>
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                <xs:enumeration value="SIM"/>
                <xs:enumeration value="NAO"/>
              </xs:restriction>
            </xs:simpleType>
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          </xs:sequence>
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          <xs:attribute name="FINALIDADE-INGLES"/>
        </xs:complexType>
      </xs:element>
      <xs:element name="DESENHO-INDUSTRIAL">
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            <xs:element minOccurs="0" ref="DETALHAMENTO-DO-DESENHO-INDUSTRIAL"/>
            <xs:element minOccurs="0" maxOccurs="unbounded" ref="AUTORES"/>
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            <xs:element minOccurs="0" ref="AREAS-DO-CONHECIMENTO"/>
            <xs:element minOccurs="0" ref="SETORES-DE-ATIVIDADE"/>
            <xs:element minOccurs="0" ref="INFORMACOES-ADICIONAIS"/>
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          <xs:attribute name="ANO-DESENVOLVIMENTO"/>
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                <xs:enumeration value="NAO"/>
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          <xs:attribute name="FLAG-POTENCIAL-INOVACAO" default="NAO">
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```xml
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```xml
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  <!-- INICIO - novos tipos de producao artística - novembro de 2011 -->
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              <xs:element minOccurs="0" maxOccurs="unbounded" ref="AUTORES"/>
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```xml
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        <xs:attribute name="ANO-DA-OBRA-DE-REFERENCIA"/>
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```xml
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```xml
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<!-- FIM - novos tipos de producao artística - novembro de 2011 -->
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```xml
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        <xs:attribute name="ANO"/>
        <xs:attribute name="PAIS"/>
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            />
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```xml
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```xml
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```xml
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