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<?xml version="1.0" encoding="UTF-8" ?>
- <lib type="class">
  <name>Gold (Johnson and Christy) </name>
- <version type="class">
  <name>COMSOL 3.5</name>
  <ext>a</ext>
</version>
- <mat type="array">
- <object type="class">
  <name>Gold</name>
- <variables type="class">
  <sigma>0</sigma>
  <epsilon>jcEpsReal(nu_rfweh)-j*jcEpsImag(nu_rfweh)
  </epsilon>
</variables>
- <functions type="array">
- <object type="class">
  <type>interp</type>
  <name>jcEpsReal</name>
  <method>linear</method>
  <extmethod>NaN</extmethod>
  <x type="stringarray">
    {"1.5475131E14","1.8618517E14","2.1520105E14","2.4663491E14","2.7
  </x>
  <data type="stringarray">{"-189.042","-125.3505","-
    90.426461","-66.218525","-51.0496","-40.2741","-
    32.040669","-25.811289","-20.610164","-16.817709","-
    13.648209","-10.661884","-8.112669","-5.842125","-
    3.946161","-2.278289","-1.702701","-1.758996","-
    1.692204","-1.702164","-1.649404","-1.604889","-
    1.400625","-1.231956","-1.310241","-1.169489","-
    1.230804","-1.242549","-1.227421","-1.306784","-
    1.332261","-1.366509","-1.346409","-1.236501","-
    1.080444","-0.891261","-0.744529","-0.616896","-
    0.551009","0.4155","-0.346329","-0.233769","-0.1325","-
    0.010416","0.138171","0.203899","0.292524","0.295191","0.227056"}
  </data>
</object>
- <object type="class">
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  <name>jcEpsImag</name>
  <method>linear</method>
  <extmethod>NaN</extmethod>
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  </x>
  <data type="stringarray">
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    2.794","1.92542","1.62656","1.27176","1.06678","1.03516","1.37424","
    2.1113","2.58044","3.81264","4.84438","5.28264","
    5.6492","5.71736","5.73888","5.64436"," 5.6092","
    5.598","5.53816","5.42568","5.84584","5.79258","5.78034","5.59644","
    4.7223","4.49008","4.33846","4.16328","4.05504","
    3.8922"," 3.8252","03.7102"," 3.6062"," 3.51","
    3.3904","3.39682","3.32766","3.28568","3.17592","3.04128"}
  </data>
</object>

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    </functions>
  </object>
- <object type="class">
  <name>Ge</name>
  - <variables type="class">
    <n>nReal(nu_rfweh)-j*nl mag(nu_rfweh)</n>
  </variables>
  - <functions type="array">
    - <object type="class">
      <type>interp</type>
      <name>nReal</name>
      <method>linear</method>
      <extmethod>NaN</extmethod>
      <x type="stringarray">
        {"1.20883E14","1.33004E14","1.45106E14","1.57205E14","1.69277E14"}
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      <data type="stringarray">
        {"4.074","4.086","4.104","4.13312","4.18","4.23163","4.275","4.28344"}
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    </object>
    - <object type="class">
      <type>interp</type>
      <name>nl mag</name>
      <method>linear</method>
      <extmethod>NaN</extmethod>
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  </functions>
</object>
</mat>
</lib>

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