```
<simulation>
         <case>
             <workspace>
                 <constants>
                      <C1 value="-1.1"/>
                      <C2 value="pi"/>
Constants
                      <C3 value="7.3e2"/>
                 </constants>
                 <variables>
                      <dt value="0.002"/>
Variables
                      <T value="0"/>
                 </variables>
                 <particle_system>
                      <domain>
                          <cell_size value="0.1"/>
                          <minimum value="-10|-10"/>
                                                                     Domain
                          <maximum value="10|10"/>
                          <boundary value="periodic|symmetric</pre>
                      </domain>
                      <grid>
                          <qid value="0"/>
  Particle
                          <qpos value="-0.2|-0.3"/>
24 system
                          <gsize value="0.4|0.6"/>
                                                            Particles on a grid
                          <goffset value="0|0"/>
                          <gip_dist value="0.01|0.01</pre>
                      </grid>
                      <qrid>
                          <gid value="1"/>
                                                        Particles from a file
                          <file value="nodes.txt"/>
                      </grid>
                 </particle_system>
                 <fields>
                      <F1 value="C2"/>
                      <F2 value="C1+C3"/>
     Fields
                     <F3 value="if(gt(magnitude(r),0),F1,F2)"/>
                 </fields>
             </workspace>
             <equations>
                 <eq1 value="T=T+dt"/>
                 <eq2 value="F1=C1+F2" condition="eq(gid,0)"/>
UDE's
                 <eq3 value="dt=C3-C2" condition="qt(F1,C3)"/>
             </equations>
         </case>
         <parameter_space>
             <simulated_time value="5"/>
             <print_interval value="0.01"/>
             <confirm_on_exit value="0"/>
                                                  Simulation parameters
             <output_format value="ASCII"/>
             <file start value="0"/>
         </parameter_space>
     </simulation>
```

<?xml version="1.0" encoding="UTF-8"?>