

## **Spatial statement and numerical investigation of problem about deciduous tree ignition by ground lightning discharge**

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### **Abstract**

Spatial setting-up of deciduous tree ignition by electric current of ground lightning discharge realization results are submitted. Large vessels and ideal crack approximations are used. Parametrical analysis of influence of volt-ampere characteristics on wood trunk heating process is lead. Tree trunk ignition conditions in typical range of influence parameters changers of discharge are established.