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## **Mutually compensative extraneous solutions of primary energy spectra in the knee region**

### **Abstract content**

The problem of solution uniqueness during evaluation of primary energy spectra in the knee region using extensive air shower (EAS) data set and EAS inverse approach are investigated. It is shown that unfolding of the primary energy spectra in the knee region leads to mutually compensative extraneous solutions, which can be the reason for the observed disagreements of elemental energy spectra of cosmic rays in the 1-100 PeV energy range obtained from different experiments.

**If this papers is presented for a collaboration, please specify the collaboration**

### **Summary**

### **Reference**

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