sedimentation potential difference (sedimentation potential)

**Synonym:** Dorn effect

The potential difference $E_{\text{sed}}$ or $E$ at zero current caused by the sedimentation of particles in the field of gravity or in a centrifuge, between two identical electrodes at different levels (or at different distances from the centre of rotation). $E$ is positive if the lower (peripheral) electrode is negative. This is also called the Dorn effect.

**Source:**