Description of the crack curve data obtained from photos of round specimens of steel

1. **Usage: B5**
   Used in the following publication:
   - C.H. Müller and S. H. Meinke (2016): "Trimmed likelihood estimators for stochastic differential equations with an application to crack growth analysis from photos", SFB 823 Discussion paper 70/2016.
2. **Data format:**
   Four R matrices in MicrocrackgrowthData.zip
3. **Size of data:** 20 KB
4. **Description:**
   top103.size.P31.Rdata: 103x15 matrix of the sizes of the cracks backtracked from the 103 largest cracks detected in the whole photo of specimen 31 at the 15^{th} (last) time point.
   top116.size.P10.Rdata: 116x29 matrix of the sizes of the cracks backtracked from the 116 largest cracks detected in the whole photo of specimen 10 at the 29^{th} (last) time point.
   top109.length.P31.Rdata: 109x15 matrix of the lengths of the cracks backtracked from the 109 largest cracks detected in the whole photo of specimen 31 at the 15^{th} (last) time point.
   top112.length.P10.Rdata: 112x29 matrix of the lengths of the cracks backtracked from the 112 largest cracks detected in the whole photo of specimen 10 at the 29^{th} (last) time point.

   For more details how the data were obtained see
   - C.H. Müller and S. H. Meinke (2016): "Trimmed likelihood estimators for stochastic differential equations with an application to crack growth analysis from photos", SFB 823 Discussion paper 70/2016,

   and the documentation for the specimens of steel.