Description of the freerunning steel data created by B5

1 Usage: B5

Used in the following publications:

2 Data format

txt

3 Size of data

- old freerunning steel: 11 columns, 32 rows
- new freerunning steel: 13 columns, 35 rows

4 Description

Description of columns:
- Probe: Name of specimen. A "b" in the name indicates that no wire broke in a first experiment
- Reihe (missing for old experiments): Number of experiment period
- Prüffrequenz (missing for old experiments): Number of load cycles per second
- Unterspannung: Lower boundary for stress in N
- Oberspannung: Upper boundary for stress in N
- Schwingbreite: stress range
5 Source

The experiments have been conducted by Guido Heeke from project B5 in the second period of SFB 823.