A Big Earth Data Platform for Three Poles

**Shaking table model test data for counter-bedding rock slope - displacement**

1、Description

Displacement is an important parameter reflecting the characteristics of slope dynamics. The displacement data set is obtained by arranging one displacement measurement point at each of the toe, middle, shoulder and top of the counter-bedding model slope, collecting displacement data every one minute, correcting the collected data and deleting the abnormal data at the end of each point, and obtaining the displacement data set of the counter-bending rock slope shaking table model test; The displacement data set of the model slope under the same working condition can reflect the relationship between the displacement of the toe, middle, shoulder and top of the slope under such seismic action, and the displacement data set of the model slope under different working conditions can reflect the damage mechanism of the counter-beddomg rock slope with the accumulation of seismic action.

2、Keywords

Theme：real data,Others,collapse,Dynamic characteristics,shaking table model test,landslide,Other
Discipline：Terrestrial Surface,Others
Places：Sanjiang Rive Basin
Time：2019-2021.

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：0.244MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：35.9 | - |
| west：89.73 | - | east：101.03 |
| - | south：25.38 | - |

5、Time frame:2019-05-31 16:00:00+00:00--2021-07-30 16:00:00+00:00

6、Reference method

References to data:

GUO Mingzhu. Shaking table model test data for counter-bedding rock slope - displacement. A Big Earth Data Platform for Three Poles, doi:10.11888/Terre.tpdc.2721712022

References to articles:

7、Supporting project information

Catastrophic mechanisms and risk control of disastrous landslides in the Tibetan Plateau
Endogenic and exogenic geological conditions and coupling effects on the occurrence of landslide hazard

8、Data resource provider

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