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They are part of the following data publication and should be cited like:

Zwaan, Frank; Schreurs, Guido; Gentzmann, Robert; Warsitzka, Michael; Rosenau, Matthias (2018): Ring-shear test data of quartz sand from the Tectonic Modelling Lab of the University of Bern (CH). V. 1. GFZ Data Services. <http://doi.org/10.5880/fidgeo.2018.028>

Folder	Folder size	File name	File format	Content
		2018-028_Zwaan-et-al_Description_of_data	.pdf	Description of data and methods
		2018-028_Zwaan-et-al_List_of_files	.pdf	List of files
Data files	8470 kb	324-01_UB_quartzneusand_internal_dynamic	.txt	Pairs of normal stress and corresponding shear strength for internal dynamic friction
		324-01_UB_quartzneusand_internal_hist	.pdf	Histograms of internal friction coefficients and cohesions
		324-01_UB_quartzneusand_internal_linregr	.pdf	Mohr plot of internal friction data
		324-01_UB_quartzneusand_internal_peak	.txt	Pairs of normal stress and corresponding shear strength for internal peak friction
		324-01_UB_quartzneusand_internal_reactivation	.txt	Pairs of normal stress and corresponding shear strength for internal reactivation friction
		324-01_UB_quartzneusand_internal_ts	.pdf	Visualization of time series data (shear curves): Shear stress vs. displacement for 18 measurements
		324-01_UB_quartzneusand_internal_ts	.txt	Table of time series data for 18 measurements of shear stress (Pa, columns 2-19) at given normal stresses (Pa, first cell in each column) vs. time (column 1)
		327-01_UB_quartzneusand_basal_dynamic	.txt	Pairs of normal stress and corresponding shear strength for basal dynamic friction
		327-01_UB_quartzneusand_basal_hist	.pdf	Histograms of basal friction coefficients and cohesions
		327-01_UB_quartzneusand_basal_linregr	.pdf	Mohr plot of basal friction data
		327-01_UB_quartzneusand_basal_peak	.txt	Pairs of normal stress and corresponding shear strength for basal peak friction
		327-01_UB_quartzneusand_basal_reactivation	.txt	Pairs of normal stress and corresponding shear strength for basal reactivation friction
		327-01_UB_quartzneusand_basal_ts	.pdf	Visualization of time series data (shear curves): Shear stress vs. displacement for 18 measurements
		327-01_UB_quartzneusand_basal_ts	.txt	Table of time series data for 18 measurements of shear stress (Pa, columns 2-19) at given normal stresses (Pa, first cell in each column) vs. time (column 1)
SEMimages	11.387 kb	324-01_UB_quartzneusand_001	.tif	Scanning electron microscope image of the material
		324-01_UB_quartzneusand_002	.tif	Scanning electron microscope image of the material
		324-01_UB_quartzneusand_003	.tif	Scanning electron microscope image of the material
		324-01_UB_quartzneusand_004	.tif	Scanning electron microscope image of the material
		324-01_UB_quartzneusand_005	.tif	Scanning electron microscope image of the material
		324-01_UB_quartzneusand_006	.tif	Scanning electron microscope image of the material
		324-01_UB_quartzneusand_007	.tif	Scanning electron microscope image of the material
		324-01_UB_quartzneusand_008	.tif	Scanning electron microscope image of the material
		324-01_UB_quartzneusand_009	.tif	Scanning electron microscope image of the material
		324-01_UB_quartzneusand_010	.tif	Scanning electron microscope image of the material
		324-01_UB_quartzneusand_011	.tif	Scanning electron microscope image of the material
		324-01_UB_quartzneusand_012	.tif	Scanning electron microscope image of the material
		324-01_UB_quartzneusand_013	.tif	Scanning electron microscope image of the material
		324-01_UB_quartzneusand_014	.tif	Scanning electron microscope image of the material
Script	11.8 kb	RSTanalysis	.py	Python script for analysing and plotting friction and time series data (Mohr plot, histograms, shear curves)