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Stability assessment of slopes with cracks using limit analysis

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#	Paper	IF	Citations
125	Reply to the discussion by Utili on Bstability assessment of slopes with cracks using limit analysis□ <i>Canadian Geotechnical Journal</i> , 2014 , 51, 826-827	3.2	10
124	Discussion of Bstability assessment of slopes with cracks using limit analysis□ <i>Canadian Geotechnical Journal</i> , 2014 , 51, 822-825	3.2	6
123	Modeling the unsaturated soil zone in slope stability analysis. <i>Canadian Geotechnical Journal</i> , 2014 , 51, 1384-1398	3.2	72
122	Seismic displacement of geosynthetic-reinforced slopes subject to cracks. 2015 , 26, 012045		0
121	Analytical solutions to assess the stability of rock slopes subject to cracks via limit analysis. 2015 , 26, 012057		
120	Modelling weathering induced retreat of c-cliffs with limited tensile strength. 2015 , 26, 012048		
119	Earthquake-induced displacement of cohesive-frictional slopes subject to cracks. 2015 , 26, 012046		1
118	Limit analysis of slopes with cracks: Comparisons of results. 2015 , 188, 97-100		22
117	Discussion of □limit analysis of slopes with cracks: Comparisons of results□ 2015 , 197, 306-307		3
116	Reply to the discussion by Utili on □limit analysis of slopes with cracks: Comparisons of results□ 2015 , 197, 308-309		1
115	Stability analysis of homogenized stone column reinforced foundations using a numerical yield design approach. 2015 , 64, 10-19		10
114	On the stability of fissured slopes subject to seismic action. 2016 , 40, 785-806		52
113	Stability analysis of seismic slopes with cracks. 2016 , 77, 77-90		42
112	Geosynthetics layout optimization for reinforced soil slopes subject to cracks. 2016 , 295-299		
111	Stability of Soil Slope with Cracks. 2016 , 173-205		
110	Stability analysis of crack slope considering nonlinearity and water pressure. 2016 , 20, 2289-2296		16
109	Reliability back analysis of shear strength parameters of landslide with three-dimensional upper bound limit analysis theory. 2016 , 13, 711-724		30

108	Rigid block based lower bound limit analysis method for stability analysis of fractured rock mass considering rock bridge effects. 2017 , 86, 173-180		6
107	Stability of intact slopes with tensile strength cut-off. 2017 , 67, 720-727		38
106	Seismic displacement along a log-spiral failure surface with crack using rock HoekBrown failure criterion. <i>Soil Dynamics and Earthquake Engineering</i> , 2017 , 99, 74-85	3.5	24
105	Consequences of Seismic Excitation on Slopes in Soils with a Tensile Strength Cutoff. 2017 ,		2
104	Three-dimensional stability analysis of slopes in hard soil/soft rock with tensile strength cut-off. 2017 , 229, 73-84		53
103	Design of geosynthetic-reinforced slopes in cohesive backfills. 2017 , 45, 627-641		66
102	Stability charts for curvilinear slopes in unsaturated soils. 2017 , 57, 543-556		14
101	A general analytical solution for the evolution of cliffs accounting for strength degradation, seismic action, formation of tension cracks and seepage. 2017 , 219, 92-106		6
100	A cone surface in three-dimensional analyses of slopes with tension cut-off. 2018 , 5, 51-67		3
99	Active earth pressure for soils with tension cracks under steady unsaturated flow conditions. <i>Canadian Geotechnical Journal</i> , 2018 , 55, 1850-1859	3.2	21
98	Failure potential of infinite slopes in bonded soils with tensile strength cut-off. <i>Canadian Geotechnical Journal</i> , 2018 , 55, 477-485	3.2	13
97	Block Limit Analysis Method for Stability of Slopes During Earthquakes. 2018 , 23, 764-769		0
96	Impact of Crack on Stability of Slope with Linearly Increasing Undrained Strength. 2018 , 2018, 1-11		4
95	Tunnel Roof Stability in Soft Rock with Tension Cutoff. 2018 , 361-368		0
94	Seismic Analysis of Nonhomogeneous Slopes with Cracks Using a Discretization Kinematic Approach. <i>International Journal of Geomechanics</i> , 2019 , 19, 04019104	3.1	12
93	Activity law and hydraulics mechanism of landslides with different sliding surface and permeability in the Three Gorges Reservoir Area, China. 2019 , 260, 105212		28
92	Bearing Capacity Analysis of Pile-Stabilized Slopes under Steady Unsaturated Flow Conditions. <i>International Journal of Geomechanics</i> , 2019 , 19, 04019129	3.1	5
91	Required strength of geosynthetics for reinforced 3D slopes in cohesive backfills with tensile strength cut-off. 2019 , 47, 729-739		3

90	Stability of intact slopes with tensile strength cut-off. 2019 , 69, 1123-1126		3
89	Incorporating suction in to stability charts for unsaturated soil slopes. 2019 , 7, 139-147		
88	Geo-Congress 2019. 2019 ,		
87	3D stability of unsaturated soil slopes with tension cracks under steady infiltrations. 2019 , 43, 1184-1206		18
86	Seismic Stability of a Fissured Slope Based on Nonlinear Failure Criterion. 2019 , 37, 3487-3496		3
85	Stability study of slope reinforced with piles under steady unsaturated flow conditions. 2019 , 109, 89-98		9
84	Influence of non-dimensional strength parameters on the seismic stability of cracked slopes. 2019 , 16, 153-167		12
83	Seismic internal stability assessment of geosynthetic reinforced earth retaining wall in cohesive soil using limit analysis. 2019 , 281, 02008		1
82	Stability analysis of seismic slopes with tensile strength cut-off. 2019 , 112, 245-256		22
81	Active Earth Pressure from Unsaturated Soils with Different Water Levels. <i>International Journal of Geomechanics</i> , 2019 , 19, 06019013	3.1	10
80	Seismic stability of earth slopes with tension crack. 2019 , 13, 950-964		3
79	Rupture Failure Modes in Analyses of Stability of Soil and Rock Slopes. 2019 ,		
78	Seismic Active Earth Pressure for Soils with Tension Cracks. <i>International Journal of Geomechanics</i> , 2019 , 19, 06019009	3.1	15
77	Seismic analysis of geosynthetic-reinforced retaining wall in cohesive soils. 2019 , 47, 315-326		27
76	Required strength of geosynthetics in a reinforced slope with tensile strength cut-off subjected to seepage effects. 2019 , 47, 542-551		4
75	Stability assessment of three-dimensional slopes with cracks. 2019 , 252, 136-144		24
74	What is the role of tensile cracks in cohesive slopes?. 2019 , 11, 314-324		11
73	Stability of Unsaturated Soil Slopes with Cracks under Steady-Infiltration Conditions. <i>International Journal of Geomechanics</i> , 2019 , 19, 04019044	3.1	15

72	Active earth pressure for retaining structures in cohesive backfills with tensile strength cut-off. 2019 , 110, 242-250		13
71	Seismic stability analysis of gravity retaining wall supporting cōil with cracks. 2019 , 59, 1103-1111		2
70	Influence of both anisotropic friction and cohesion on the formation of tension cracks and stability of slopes. 2019 , 249, 31-44		17
69	Active Earth Thrust Considering Tension Crack, Pore-water Pressure and Soil Nonlinearity. 2019 , 23, 56-62		21
68	Effects of tension crack on stability of bentonite-water slurry trenches in clay. <i>European Journal of Environmental and Civil Engineering</i> , 2020 , 24, 965-978	1.5	2
67	Contours of saturated and unsaturated overhanging slopes at limiting equilibrium condition. 2020 , 44, 93-116		1
66	Static and seismic stability assessment of 3D slopes with cracks. 2020 , 265, 105450		26
65	Case Study: Unsaturated Embankment Failure on Soft Soils. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2020 , 146, 05020011	3-4	1
64	Active earth pressure for subgrade retaining walls in cohesive backfills with tensile strength cut-off subjected to seepage effects. 2020 , 27, 2148-2159		1
63	Stability analysis of cohesive soil embankment slope based on discrete element method. 2020 , 27, 1981-1991		3
62	Dynamic Stability Analysis of Slope Subjected to Surcharge Load considering Tensile Strength Cut-Off. 2020 , 2020, 1-17		
61	Searching for Slip Surface of Disturbed Slope Based on Logistic Function. 2020 , 2020, 1-9		
60	Analysis of Progressive Failure Mechanism of Rock Slope with Locked Section Based on Energy Theory. 2020 , 13, 1128		8
59	Stability analysis of 3D cracked slope reinforced with piles. 2020 , 122, 103544		6
58	Seismic analysis of 3D geosynthetic-reinforced soil structures in cohesive backfills with cracks. 2020 , 48, 691-702		6
57	Earthquake-induced slope displacements in heterogeneous soils with tensile strength cut-off. 2020 , 124, 103637		14
56	Computational Tools for the Analysis of Stability of Embankments in Frictional-Cohesive Soils. 2020 , ,		
55	Three-dimensional active earth pressure under transient unsaturated flow conditions. 2020 , 123, 103559		4

54	Influence of Anisotropy and Nonhomogeneity on Stability Analysis of Fissured Slopes Subjected to Seismic Action. 2020 , 2020, 1-13		2
53	Safety Factor on Rock Slopes with Tensile Cracks Using Numerical and Limit Equilibrium Models. 2021 , 39, 2287-2300		0
52	Effect of Tension Crack Formation on Active Earth Pressure Encountered in Unsaturated Retaining Wall Backfills. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2021 , 147, 06020028	3-4	9
51	Seismic stability analysis of a pre-cracked natural slope: a case study of Aomar slope in Algeria. 2021 , 16, 52-66		
50	Introduction of Plastic Block Method in the Upper Bound Limit Analysis of Soil Stability Problems. 2021 , 19, 897-910		0
49	Investigation on the Stability of Fissured Slopes Reinforced with Anchor Cables under Seismic Action. 2021 , 2021, 1-14		0
48	Geosynthetic Reinforced Embankment Slopes.		
47	Seismic internal stability of bilinear geosynthetic-reinforced slopes with cohesive backfills. <i>Soil Dynamics and Earthquake Engineering</i> , 2021 , 143, 106599	3-5	
46	Analysis on face stability of rectangular cross-sectional shield tunneling based on an improved two-dimensional rotational mechanism. 1		3
45	Stability analysis of geosynthetic-reinforced soil structures under steady infiltrations. 1		0
44	Analysis and design charts for 3D active earth pressure in cohesive soils with cracks. 2021 , 16, 3269-3283		1
43	Investigation of the role of crown crack in cohesive soil slope and its effect on slope stability based on the extended finite element method. 1		1
42	Seismic stability analysis of slopes with cracks in unsaturated soils using pseudo-dynamic approach. 2021 , 29, 100583		1
41	Analytical Solutions for General Two-Wedge Stability. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2021 , 147, 04021075	3-4	4
40	Three-dimensional assessment of cracked slopes with pore water pressure using limit analysis. 2021 , 80, 1		2
39	Influence of Excavation Time, Tension Crack, and Rainfall on the Stability of Unsupported Vertical Cuts in Unsaturated Soil. <i>International Journal of Geomechanics</i> , 2021 , 21, 04021199	3-1	2
38	Analytical Solutions for Three-Wedge Stability with Vertical Wedge Interfaces. <i>International Journal of Geomechanics</i> , 2021 , 21, 04021194	3-1	1
37	Stability Analysis of Pressurized 3D Tunnel Face with Tensile Strength Cutoff. <i>International Journal of Geomechanics</i> , 2021 , 21, 04021226	3-1	0

36	Pseudo-dynamic analysis of three-dimensional active earth pressures in cohesive backfills with cracks. <i>Soil Dynamics and Earthquake Engineering</i> , 2021 , 150, 106917	3.5	4
35	Effects of desiccation cracks and vegetation on the shallow stability of a red clay cut slope under rainfall infiltration. 2021 , 140, 104436		4
34	Three-dimensional active earth pressure from cohesive backfills with tensile strength cutoff. 2020 , 44, 942-961		3
33	Geosynthetic-Reinforced Slopes in Cohesive Soils Subject to Seismic Action. 2017 , 189, 898-907		3
32	The study on yield acceleration and permanent displacement of broken-back gravity quay walls [a case study. 1-14		
31	Common Management Methods and New Ideas about Coal Mine Gangue Mountain of Datong Coal Mine Group Corporation Ltd..		
30	Stability Analysis of Fractured Rock Slopes with Vertical Cracks Subjected to the Hydraulic Effect Based on the Hoek-Brown Failure Criterion. 2020 , 229-250		
29	Stability Analysis of a Two-Layered Slope with Cracks by Finite Element Limit Analysis. 2020 , 2020, 1-15		
28	Comparison of seismic stability for slopes with tensile strength cut-off and cracks. 2021 , 18, 3336		2
27	Design of reinforced cohesive soil walls accounting for wall facing contribution to stability. 1-51		0
26	Evaluation of Active Earth Pressure in Unsaturated Retaining Structures in Presence of Tension Cracks. 2022 ,		
25	Stability assessment of soil-nailed slopes using the homogenisation approach. <i>European Journal of Environmental and Civil Engineering</i> , 1-20	1.5	1
24	A Practical Model Study on the Mechanism of Clay Landslide under Static Loads: From the Perspective of Major Crack-Stress-Displacement. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 3224	2.6	0
23	Seismic internal stability of saturated reinforced soil retaining walls using the upper bound theorem of limit analysis. <i>Soil Dynamics and Earthquake Engineering</i> , 2022 , 155, 107180	3.5	0
22	Upper-Bound Limit Analysis of Rock Slope Stability with Tensile Strength Cutoff Based on the Optimization Strategy of Dividing the Tension Zone and Shear Zone. <i>International Journal of Geomechanics</i> , 2022 , 22,	3.1	1
21	Analytical Solutions for Active Lateral Earth Force. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2022 , 148,	3.4	1
20	Dimensional Reduction-Based Moment Model for Probabilistic Slope Stability Analysis. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 4511	2.6	
19	Numerical Implementation of Three-Dimensional Nonlinear Strength Model of Soil and Its Application in Slope Stability Analysis. <i>Sustainability</i> , 2022 , 14, 5127	3.6	1

18	Limit state analysis of stepped sliding of jointed rock slope based on tensile-shear composite failure mode of rock bridges. <i>Bulletin of Engineering Geology and the Environment</i> , 2022 , 81, 1	4	1
17	Management of rock hazard: case of the schistose excavation D8, Taza-Al Hoceima expressway, Morocco. <i>Arabian Journal of Geosciences</i> , 2022 , 15,	1.8	0
16	Modeling Irregularly Inclined Fissure Surfaces within Nonuniform Expansive Soil Slopes. <i>International Journal of Geomechanics</i> , 2022 , 22,	3.1	
15	Location of Tension Cracks at Slope Crests in Stability Analysis of Slopes. <i>Geotechnics</i> , 2022 , 2, 488-505		
14	Stability Assessment of Multi-Stage Slopes Considering Local Failure. <i>Frontiers in Earth Science</i> , 10,	3.5	0
13	Case studies on Q-slope method use for slope stability analyses. <i>Studia Geotechnica Et Mechanica</i> , 2022 ,	1	
12	Seismic Stability of Heterogeneous Slopes with Tensile Strength Cutoff Using Discrete-Kinematic Mechanism and a Pseudostatic Approach. 2022 , 22,		0
11	Analytical Solutions for General Three-Wedge Stability. 2022 , 22,		0
10	Seismic Stability Analysis of Anti-dip Bedding Rock Slope Based on Tensile Strength Cut-Off. 2022 , 1404-1412		0
9	Three-Dimensional Active Earth Pressures for Unsaturated Backfills with Cracks Considering Steady Seepage. 2023 , 23,		3
8	Research on Fracture Mechanism and Stability of Slope with Tensile Cracks. 2022 , 12, 12687		0
7	Physical modeling of desiccated slopes in fine soil using a geotechnical centrifuge. 1-8		0
6	Pseudodynamic Analysis of Three-Dimensional Fissured Slopes Reinforced with Piles. 2023 , 23,		2
5	Unified solution of safety factors for three-dimensional compound slopes considering local and global instability. 2023 , 155, 105227		0
4	Three-dimensional soil slope dynamic stability assessment using minimum potential energy approach. 2023 , 168, 107837		0
3	A Displacement-Dependent Limit-Equilibrium Slice Method for Slope Stability Analysis. 2023 , 23,		0
2	Influence of the Hoek-Brown failure criterion with tensile strength cut-off on the roof stability in deep rock tunnels. 2023 , 136, 105016		0
1	Stability Evaluation of Rock Slopes with Cracks Using Limit Analysis.		0

