Active earth pressures from a log-spiral slip surface wit

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Citation Report

#	Article	IF	Citations
1	Discussion: Active earth pressures from a log-spiral slip surface with arching effect. Geotechnique Letters, 2016, 6, 241-243.	1.2	3
2	Active and passive arching stresses in câ€²Ï•â€² soils: A sensitivity study using computational limit analysis. Computers and Geotechnics, 2017, 84, 47-57.	4.7	46
3	Analytical solution to estimate the point of application of resultant passive earth thrust against unsaturated retaining structures. Geomechanics and Geoengineering, 2021, 16, 509-516.	1.8	4
4	Practical Use of Modified Hoekâ€“Brown Criterion for Soil Slope Stability Analysis. Geotechnical and Geological Engineering, 2019, 37, 5441-5455.	1.7	8
5	Numerical and theoretical research on stress distribution in the loosening zone of the trapdoor problem. International Journal for Numerical and Analytical Methods in Geomechanics, 2019, 43, 1426-1447.	3.3	10
6	Calculation of Active Earth Pressure for Narrow Backfill with a Curved Slip Surface. Advances in Civil Engineering, 2019, 2019, 1-10.	0.7	0
7	Analytical solution for active earth pressure of câ€“Ït soil considering arching effect. Geomechanics and Geoengineering, 2019, 14, 71-84.	1.8	8
8	Active earth pressures for non-planar to planar slip surfaces considering soil arching. International Journal of Geotechnical Engineering, 2020, 14, 730-739.	2.0	10
9	Experimental and analytical study of passive earth pressure behind a vertical rigid retaining wall rotating about base. European Journal of Environmental and Civil Engineering, 2022, 26, 2371-2399.	2.1	7
10	Study of Active Earth Pressure behind a Vertical Retaining Wall Subjected to Rotation about the Base. International Journal of Geomechanics, 2020, 20, .	2.7	40
11	Revisiting Seismic Active/Passive Earth Pressure in Nonuniform Cohesiveâ€“Frictional Backfill. International Journal of Geomechanics, 2020, 20, 04020058.	2.7	7
12	Active earth pressure of narrow cohesive backfill on rigid retaining wall of rotation about the bottom. Soils and Foundations, 2021, 61, 95-112.	3.1	11
13	Analytical solutions for the earth pressure of narrow cohesive backfill with retaining walls rotating about the top. Acta Geotechnica, 2021, 16, 2975-2995.	5.7	6
14	Analytical framework for prediction of facing connection loads in reinforced soil walls considering reinforcement downdrag. Transportation Geotechnics, 2021, 30, 100537.	4.5	2
15	General Solution for Active Earth Pressure on Rigid Walls Under Strip Surcharge on Retained Soils Using Variational Method. International Journal of Civil Engineering, 2021, 19, 881-896.	2.0	3
16	Slip Surface and Active Earth Pressure of Cohesionless Narrow Backfill behind Rigid Retaining Walls under Translation Movement Mode. International Journal of Geomechanics, 2020, 20, .	2.7	14
17	Towards an improved analytical framework to estimate active earth pressure in narrow c â€“ Ï• soils behind rotating walls about the base. Computers and Geotechnics, 2022, 141, 104544.	4.7	35
18	Nonlinear Slip-Failure Surface and Associated Lateral Earth Pressure. International Journal of Geomechanics, 2022, 22, .	2.7	0

#	Article	IF	Citations
19	Quantification of the Active Lateral Earth Pressure Changes on Retaining Walls at the Leading Edge of Steep Slopes. Frontiers in Earth Science, 2022, 10, .	1.8	1
20	Active earth pressure on retaining walls with sloping backfill considering arching effect under rotation about base. Innovative Infrastructure Solutions, 2022, 7, 1.	2.2	5
21	Passive earth pressure under various modes of wall movement: a numerical approach. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2024, 177, 66-77.	1.6	1
22	DEM Analysis and Simplified Calculation of Passive Earth Pressure on Retaining Walls Backfilled with Sand Considering Strain-Softening Behavior. Geofluids, 2022, 2022, 1-12.	0.7	1
23	Earth pressure in narrow cohesive-fictional soils behind retaining walls rotated about the top: An analytical approach. Computers and Geotechnics, 2022, 149, 104849.	4.7	14
24	DEM analysis of passive arching in a shallow trapdoor under eccentric loading. Particuology, 2023, 77, 14-28.	3.6	4
25	New Analytical Solutions for Cohesiveâ€"Frictional Soils above Deep Active Trapdoors. International Journal of Geomechanics, 2022, 22, .	2.7	2
26	A generalised analytical framework for active earth pressure on retaining walls with narrow soil. Geotechnique, 0, , 1-16.	4.0	11
27	Passive Earth Pressure in Narrow Cohesive-Frictional Backfills. International Journal of Geomechanics, 2023, 23, .	2.7	1
28	An improved method of active earth pressure on rigid retaining wall under movement modes considering arching effects. International Journal for Numerical and Analytical Methods in Geomechanics, 2023, 47, 410-424.	3.3	1
29	Hyperbolic stress-strain behaviour of sandy soil under plane strain unloading condition and its application on predicting displacement-dependent active earth pressure. Computers and Geotechnics, 2023, 155, 105219.	4.7	1
30	Theoretical and Numerical Analysis of Cohesive-Frictional Backfill against Battered Retaining Wall under Active Translation Mode. International Journal of Geomechanics, 2023, 23, .	2.7	2
31	Active Earth Pressure against Cantilever Retaining Walls with a Long Relief Shelf in Rotation about the Top. KSCE Journal of Civil Engineering, 2023, 27, 2463-2476.	1.9	1
32	è€ƒè™‘åœŸä½“æŠ—æ‹‰å¼ºåº¦çš„åˆšæ€§æŒ¡åœŸå¢™åœ°éœ‡å’Œé•™æ€ä¸»åŠ¨åœŸåŽ‹åŠ›çš„ä¸€èˆ¬å•åˆ†è§£. Journal of Zhejiang Un	2.4	0
33	An analytical investigation of soil arching induced by tunneling in sandy ground. Tunnelling and Underground Space Technology, 2023, 140, 105242.	6.2	0
34	Inclined Slice Method for Passive Earth Pressure on Rigid Walls Considering Interslice Shear Forces. International Journal of Geomechanics, 2024, 24, .	2.7	1
35	Predicting Slip Surfaces for Slope Stability Assessment Along Highway 80 in Mosul, Northern Iraq. Geotechnical and Geological Engineering, 0, , .	1.7	0