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apparent cohesion (capillary cohesion) in sand (R 3); 2.3 Assumed angle of earth pressure and adhesion (R 4)
2.4 Determination of the active earth pressure using theCULMANN method (R 171)2.5 Determination of active earth pressure in a steep, pavedembankment of a partially sloping bank construction (R 198); 2.6 Determination of active earth pressure in saturated,non- or partially consolidated, soft cohesive soils (R 130); 2.7 Effect of artesian water pressure under harbour bottom or riverbed on active and passive earth pressure (R 52)
2.8 Use of active earth pressure and water pressure difference,and construction advice for waterfront structures with soilreplacement and fouled or disturbed dredge pit bottom (R 110)2.9 Effect of percolating groundwater on water pressure difference,active and passive earth pressures (R 114); 2.10 Determining the amount of displacement required for themobilisation of passive earth pressure in non-cohesive soils (R 174); 2.11 Measures for increasing the passive earth pressure in frontof waterfront structures (R 164)
2.12 Passive earth pressure in front of sheet piles in soft cohesive soils, with rapid loading on the land side (R 190)2.13 Effects of earthquakes on the design and dimensioningof waterfront structures (R 124); 3 Overall stability, foundation failure and sliding; 3.1 Relevant standards; 3.2 Safety against failure by hydraulic heave (R 115); 3.3 Piping (foundation failure due to erosion) (R 116); 3.4 Verification of overall stability of structures on elevated piledstructures (R 170); 4 Water levels, water pressure, drainage; 4.1 Mean groundwater level (R 58)
4.2 Water pressure difference in the water-side direction (R 19)

Sommario/riassunto

Since 1949 the ""Committee for Waterfront Structures"" has operated on honorary base as a committee of the Society for Harbour Engineering (HTG), Hamburg, and since 1951 also as working group of the German Society for Geotechnics (DGGT), Essen. Its full designation reads ""Committee for Simplification an Standardization of Calculation and Construction of Waterfront Structures"", which also outlines its goals. Following on from the previous joint publications, this new edition of EAU 2004 contains the safety concept with partial safety factors in accordance with the Eurocodes or the European pr