عنوان فارسی مقاله:
مکاربندهای زئوستنتیکی با بسته بندی در اطراف: مطالعات تجربی و عدید

عنوان انگلیسی مقاله:
Geosynthetics anchorage with wrap around: experimental and numerical studies

توجه!
این فایل تنها قسمتی از ترجمه میباشد. برای تهیه مقاله ترجمه شده کامل
با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک خاکید.
5. CONCLUSION

Experimental pull-out tests were performed with two types of anchorage benches (Irstea, INSA Lyon) under laboratory-controlled conditions with three types of geotextiles (uniaxial or biaxial with different stiffness) and in the presence of cohesive and non-cohesive soils for the simple run-out and the wrap around anchorages.

The results show that the behaviour of the geotextile sheet on the two types of anchorage benches was very similar. These tests allowed the influence of various parameters on the geotextile behaviour: anchorage capacity, length of the upper part of the sheet \((B)\), soil type and geotextile type to be investigated.

In order to complete the experimental studies, a specific two-dimensional numerical model was used. The results of the experimental tests provide an interesting database to be created on which numerical calculations can be validated. Experimental tests performed with the INSA anchorage apparatus were simulated with a DEM.