

1.	Record Nr.	UNISALENTO991003540449707536
	Autore	Brunot, Ferdinand
	Titolo	La doctrine de Malherbe d'après son commentaire sur Desportes / Ferdinand Brunot
	Pubbl/distr/stampa	Paris : Colin, 1969
	Descrizione fisica	XXII, 605 p. ; 24 cm
	Disciplina	440.9
	Soggetti	Malherbe, François : de Malherbe, François : de
	Lingua di pubblicazione	Francese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910682558703321
	Autore	Zhang Dingli
	Titolo	Key technologies for safety construction of mined subsea tunnels // Dingli Zhang
	Pubbl/distr/stampa	Beijing, China : , : China Communications Press Co., Ltd., , [2023] ©2023
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	Edizione	[1st ed. 2023.]
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## Nota di contenuto

1. Introduction -- Risk control system for subsea tunnels -- 3. Composite grouting technology and its application -- 4. Water inrush mechanism and evolution characteristics -- 5. Process control theory of construction safety -- 6. Active controlled waterproof-drainage system and its design method.

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## Sommario/riassunto

This book puts forward a technological system for the construction of subsea tunnel using drilling and blasting method. Taking the water-induced disaster as the core risk, the safety guarantee system for large cross-sectional subsea tunnels is established. The composite grouting technology referred to ground reinforcement and water plugging is established, which breaks through the technical bottleneck of subsea tunnel construction in highly permeable strata. The process control theory based on water inrush mechanism is created, which gets rid of the over-dependence on engineering experience for disaster control of submarine tunnel. An active control waterproof drainage system based on the synergy of reinforcement ring and support system is invented to solve the contradiction between the control of water displacement and water pressure. The above-mentioned achievements have been successfully applied in the first three large cross-sectional subsea tunnels in China, and have played a key role in the construction safety. The proposed technological system can improve the overall construction level of subsea tunnel, which can provide reference for the design and construction of subsea tunnels, especially for those crossing through weakness zones.

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