

1. Record Nr.	UNINA990000841680403321
Autore	International conference on computational methods in nonlinear
Titolo	mechanics : <1974 Computational mechanics : International Conference on Computational Methods in Nonlinear Mechanics, Austin, Texas, 1974 / edited by J. T. Oden
Pubbl/distr/stampa	Berlin : Springer-Verlag, 1975
ISBN	3-540-07169-5
Descrizione fisica	VII, 328 p. ; 24 cm
Collana	Lecture notes in mathematics ; 461
Disciplina	531
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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2. Record Nr.	UNINA9910812854503321
Titolo	Operation of nutrient removal facilities / / Water Environment Federation
Pubbl/distr/stampa	Alexandria, Virginia : , : Water Environment Federation, , 2013
ISBN	1-57278-299-4 1-5231-0303-5
Descrizione fisica	1 online resource (xlvi, 591 pages) : illustrations
Collana	WEF manual of practice ; ; Number 37
Disciplina	628.166
Soggetti	Sewage - Purification - Nutrient removal Sewage disposal plants - Management Sewage lagoons - Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Prepared by the Operation of Nutrient Removal Facilities Task Force of the Water Environment Federation."--Title page verso.
Nota di contenuto	Wastewater constituents that affect nutrient removal -- Nitrification -- Nitrification in biofilm reactors -- Denitrification -- Combined nitrifying and denitrifying systems -- Enhanced biological phosphorus removal -- Chemical precipitation of phosphorus -- Enhanced biological phosphorus removal systems -- Combined nitrogen and phosphorus removal processes -- Optimization of nutrient removal systems -- Recycle streams management -- Process control using oxidation-reduction potential and dissolved oxygen -- Process control, instrumentation, and automation -- Laboratory analyses -- Case studies-Nitrification and denitrification -- Case studies-Enhanced biological phosphorus removal -- Appendix A: Optimization and troubleshooting guides.
Sommario/riassunto	This manual is for plant managers, operators, design engineers, and regulators looking to gain a better understanding of fundamental biological and chemical processes that are in use at nutrient removal facilities and the ways that operators may use, monitor, and control these processes to meet their facility's treatment goal.