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· 注文	C LINES ENTRY [MAIN N] [MAIN N]	
L程地质学的大成综合理论		_
E思敬		▶ Sup
中国科学院地质与地球物理研究所	(所 北京 100029	▶ PDF
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考虑到推理、经验和实测信息的集成	·程问题,综合集成应是必需的技术路线。多元知识,即多学科的综合集成道路已得到普遍共识。作者提出,工程地质学需要发展大成综合理论,即多源知识的综合集成。钱学森在研究3 集成,并称之为大成综合(Meta-Synthesis)。本文从工程地质实践出发,指出大成综合理论在各工程建设阶段有不同的用法,但本质上是3种来源知识的相互制约和融合,以期达到结论 1水泵站高边坡的工程决策过程表明,大成综合理论可能支持超越常规的认识,做出突破性决策。	
关键词: 工程地质学系统 综合集	合集成 大成综合 多源知识 突破性决策	加入引用
META—SYNTHESIS IN THE	HE ENGINEERING GEOLOGY	▶ Em: ▶ 文章
VANG Sijing		▶浏览
nstitute of Geology and Geophy	physics,CAS,Beijing 100029	▶ 工程
Abstract:		▶ 综合
experience, deduction and measu nowledge or information. The in	n, initiated by Prof.Qian Xuesen, is suggested to be accepted for solution making in the engineering geology system. An integration of multiple source knowledge, incluses a suggested to be accepted for solution making in the engineering geology system. An integration of multiple source knowledge, incluses a suggested to be accepted for solutions obtained in the different see integral agreement may support a rational solution, surmounted normal knowledge and standard. A practical example of slope stability evaluation is given in this patation. The decision was reached making a breakthrough over the conventional engineering solution.	sources of
Keywords: Engineering geology	logy system Knowledge merging Meta-synthesis Multiple source knowledge Surmounted solution	N
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参考文献:		
J].自然杂志, 1990, 13 (1): 3~5.	科学新领域——开放的复杂巨系统及其方法论 ~5. ai Ruwei. A new science field——Open complex giant system and its theory. Nature Magzine,1990, 13 (1):3~5.	
2] 李世辉. 隧道围岩稳定系统分析 M].北京: 中国铁道出版社, 1991. i Shihui. Stability analysis of tur		
	质力学中的应用 .中国科学院地质研究所工程地质力学开放研究实验室1992年年报北京:地震出版社, 1993, 127~136. ystem science in the engineering geology mechanics. Annual Report of Engineering Geology Mechanics Laborotary, Geology Institute, Chinese Academy of Science, ollshing House,1993,127~136.	,
J].工程地质学报, 1995, 3 (2): 1~ ⁄ang Zhifa, Ke Tianhe, Wang Cha 2):1~11.	五强溪水电站左岸船闸边坡开挖监控设计的理论与实践:1~11. Changming, et al. Theory and practice on monitoring design for excavation of shiplock at left of Wuqianxi hydroelectric power station. Journal of Engineering Geolo	ogy, 1995, 3
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