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●本書を推薦します

▼ 私がこの書に大きな学術的価値を認める所以は、その扱われた資料
の良質なることである。～ 国学院大学名誉教授・瀧川政次郎
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舗装、橋梁から道路標識、街路樹、除雪にいたるまで、広範な維持修繕技術を800個の図表と300に及ぶ写真をそう入して解説。現場作業にすぐ役立つ実務内容を網羅した集大成として、関係官公庁、コンサルタント、建設業者必携の書といえよう。

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〔内容〕 序論 土木計画とその分類／土木事業と社会資本形成／土木計画の形成／土木計画における評価／不確実性と決定問題 総合計画 国土総合開発計画／地域計画／都市計画 各論 水管理計画／自動車ターミナル計画／観光レクリエーション計画／環境破壊防止計画／施工計画／公共事業計画論 計画手法概説／土木計画の調査手法／土木計画の予測手法／土木計画の現象分析手法／土木計画の最適化手法／土木計画の費用・効果分析 付録 土木計画に関連する法令の概要／わが国の総合開発計画／大ロンドン計画およびソ連の第9次5か年計画／統計資料等／統計数値表

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土木工学全般にわたる設計のための手引書として、理論から設計例にいたる内容を極めて具体的に解説。設計技術者および現場技術者必携の書。

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新しい計測技術に関する便覧の編集を意図したもので、土木工学に必要な測定技術のすべてを分かりやすくまとめ、大学における教科書、参考書として、また現場における手引きとして使いやすい構成となっています。

土木計画とOR

石原藤次郎校閲／吉川和広著 <B5> 4,000円

土木計画の問題を計画システムとして科学的に追求し、その計画手法としてオペレーションズ・リサーチの有用性を実証、土木計画の学問的体系をはかる画期的な著。

現代土木工学

② 土木解析学

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水理学・土質力学・構造力学等に関する解析の基本事項をまとめたもので、数式は基本から展開し土木解析に必要な力学の基礎知識を確実に理解できる内容です。

③ 土木総合計画論

八十島義之助編 <A5> 2,800円

わが国の経済社会計画や国土計画等の総合計画における土木計画の位置、役割りを具体例を挙げて究明。

⑤ 土木構造設計

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土木構造設計の考え方と考慮すべき基本事項を記述し、構造形式選定の考え方、安全性・使用性にも言及。

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マトリックス構造解析の1手法である有限要素法の基礎となる理論的原理の展開を変分法に則って行なったもの。

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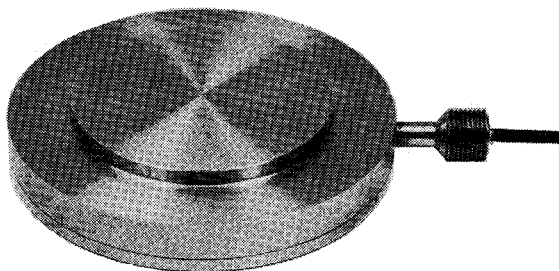
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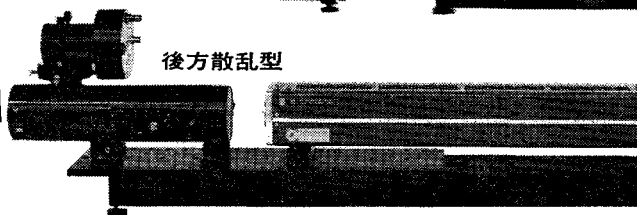
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どこまでも
発展します

通常のご研究には、基本の組み合わせユニットで
充分な測定能力を発揮します。爾後は研究課題
に合わせ、順次必要なユニットを追加導入して
ください。前方散乱型のデュアルビームモード、
参照ビームモードから、後方散乱型での測定や
二次元測定、速度方向測定のできるシステム…
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前方散乱型



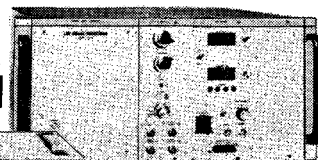
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レーザ流速計の一般的特長

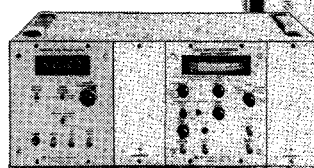
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- 直線性がよく、校正する必要がない。
- 温度の影響を受けない。
- 測定する空間分解能が高い。
- 速度の測定範囲が広く、ことに低速で有利。

信号処理器27-1094
(カウンタタイプ)



レーザ流速計 27-0900ser.

光学系における代表的組み合わせ例



信号処理器27-1090A
(トラッカータイプ)

	デュアルビームモード		参照ビームモード		単一ビームモード	
	前方散乱型	後方散乱型	1チャンネル型	2チャンネル型	前方散乱型	後方散乱型
偏波面回転器 (0901)	○	○	○	○	○	○
分光収束器 (0910)	○	○	○	○	○	○
集光器 (0930)	○	○	○	○ ×2	○	○
フォトダイオード・アンプ (0950)	○	○	○	○ ×2	○	○
フォトマルチプライヤ・アンプ (0960)	○	○	または ○	または ○ ×2	○ ×2	○ ×2
レーザ&ベース (0925 or 0926)	○	○	○	○	○	○
後方散乱受光器 (0940)		○			○ ×2	○ ×2
偏波面回転器 (0902)				○		
オフセットビームスプリッタ (0916)				○		
ビームスプリッタ&マウント (0915)						
ユニバーサルベース (0928)					○	○
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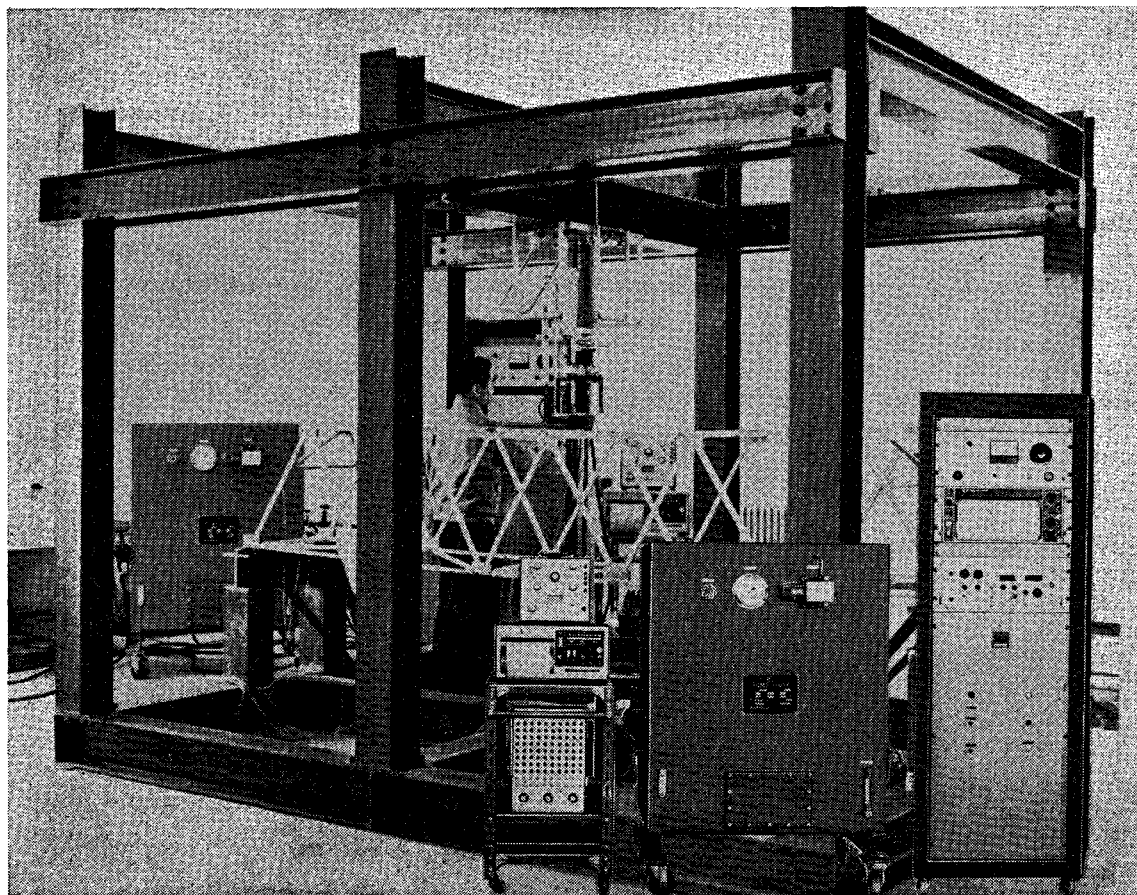
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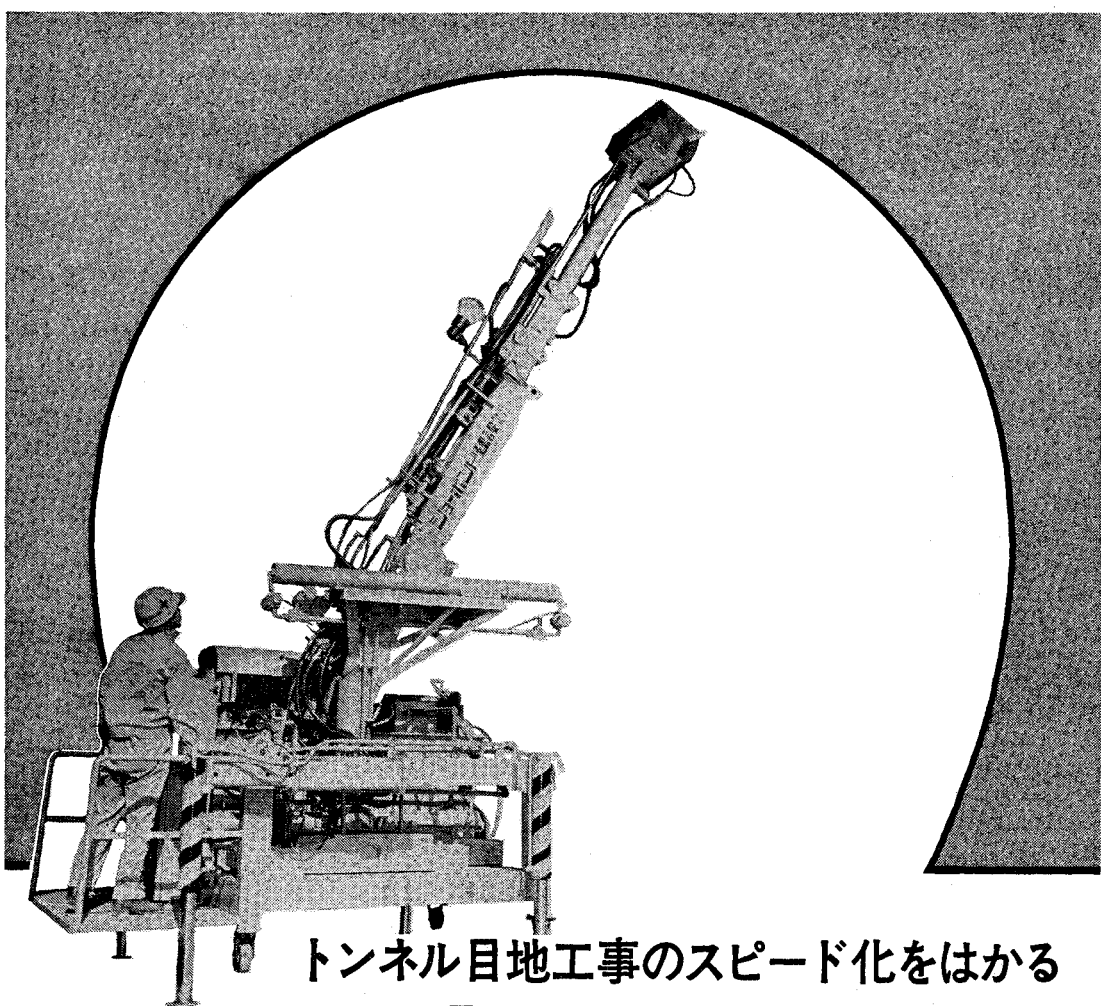


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そのトンネル壁面カッターとして、このたび大規模目地切り用「ジャンボカッター」を開発。

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