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Control, Sensing and Instrumentations

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1962 Motion forecast of intelligent underwater sampling apparatus— Part I: Design and algorithm: Xianbo Xiang, Caoyang Yu, Jinrong Zheng & Guohua Xu

1971 Motion forecast of intelligent underwater sampling apparatus — Part II: CFD simulation and experimental results: Mingjiu Zuo, Xianbo Xiang, Caoyang Yu & Jinrong Zheng

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