



Strategies of Sea-Bottom Investigation with Autonomous Underwater Vehicle

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In the recent years it has been observed the constant rise of usage of underwater submerged vehicles for both – military and non-military purposes. The specific role in such activities plays autonomous underwater vehicles (AUV). In the paper the general concepts of AUV trajectory planning is discussed. It is proved that different strategies should be tailored for different tasks, according to specification of navigation systems' utilized on board of vehicle.