2016


2015


2014


2013


2012


Fusion in 2-Tree Sensor Networks.
Thompson, P., Durrant-Whyte, H. (2010). Decentralised Data


2010


2009


2008


2007


2006


2005


Ramos, F., Durrant-Whyte, H., Upcroft, B. (2005). Learning Articulated Motion Structures with Bayesian Networks. 8th...
International Conference on Information Fusion (Fusion 2005), United States of America: (IEEE) Institute of Electrical and Electronics Engineers.


2004


2003


### 2002


### 2001

Australian Robotics and Automation Association (ARAA).

Dissanayake, G., Newman, P., Clark, S., Durrant-Whyte, H.,
Csorba, M. (2001). A solution to the simultaneous localisation
and map building (SLAM) problem. *IEEE Transactions on
Robotics*, 17(3), 229-241.

Autonomous localisation and map building in large-scale

Williams, S., Newman, P., Rosenblatt, J., Dissanayake, G.,

Constrained initialisation of the simultaneous localisation and
mapping algorithm. *3rd International Conference on Field and
Service Robotics*, Helsinki: UNSW Australian Defence Force
Academy.

Durrant-Whyte, H., Stevens, M. (2001). Data fusion in

data in decentralised sensing networks. *Sensor Fusion and
Decentralised control in Robotic Systems IV*, : UNSW
Australian Defence Force Academy.

Efficient simultaneous localisation and mapping using local
and Automation*. Australian Robotics and Automation
Association (ARAA).

sliding-mode controllers with applications. *IEEE Transactions
On Industrial Electronics*, 48(1), 38-46.

sensor data fusion for underwater navigation. *Robotics and

Dissanayake, G., Sukkarieh, S., Nebot, E., Durrant-Whyte, H.
(2001). The aiding of a low-cost strapdown inertial
measurement unit using vehicle model constraints for land
vehicle applications. *IEEE Transactions on Robotics*, 17(5),
731-747.

Towards terrain-quided navigation for underwater robotics.

Sukkarieh, S., Durrant-Whyte, H. (2001). Towards the
development of simultaneous localisation and map building for
an unmanned air vehicle. *3rd International Conference on Field
and Service Robotics*, Helsinki: UNSW Australian Defence
Force Academy.