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Author: Mohamed Slim Masmoudi Najla Krichen Mohamed Masmoudi Nabil Derbel



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# Fuzzy Logic Controllers Design For Omnidirectionnal Mobile Robot Navigation

Mohamed Slim Masmoudi<sup>1</sup>, Najla Krichen<sup>2</sup>, Mohamed Masmoudi<sup>3</sup>, Nabil Derbel<sup>4</sup>

<sup>1</sup>METS Research Group-National School of Electronic and Communications,  
Sfax University, Tunisia; email: {med\_slim\_mas@yahoo.fr}

<sup>2</sup>METS Research Group- National Engineers School of Sfax,  
Sfax University, Tunisia; email: { najla\_krichen @yahoo.fr}

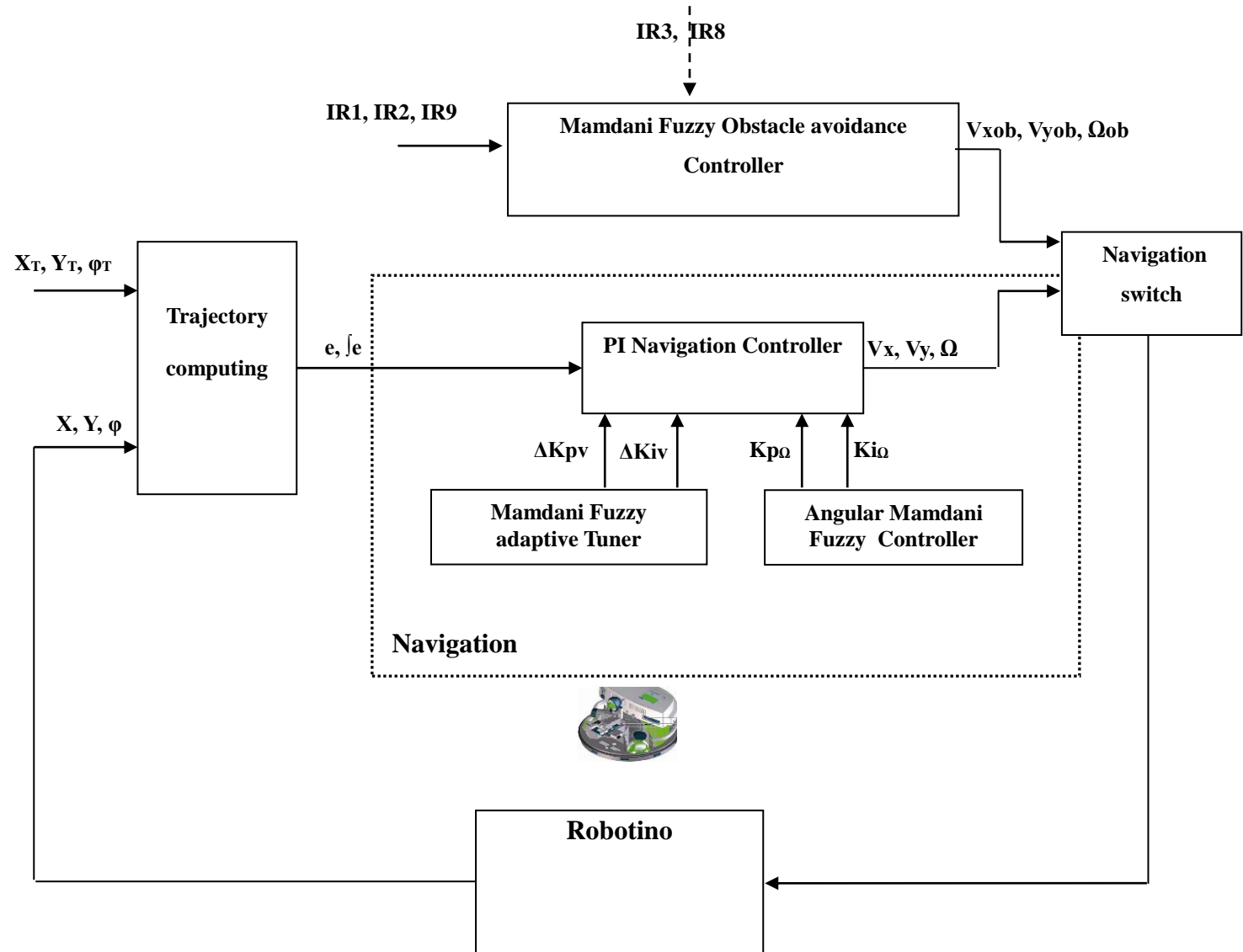
<sup>3</sup>METS Research Group- National Engineers School of Sfax,  
Sfax University, Tunisia; email: { mohamed.masmoudi@enis.rnu.tn }

<sup>4</sup>CEM Lab-National Engineers School of Sfax,  
Sfax University, Tunisia; email: { n.derbel@enis.rnu.tn }

## Graphical abstracts

In this part, we present the three main contribution of the paper:

- The Fuzzy-PI for linear velocity
- The Fuzzy-PI for angular speed
- Obstacle avoidance controller based on Mamdani-fuzzy controller which allows the omnidirectionnal mobile robot to avoid fixed obstacles in an unknown environment.



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