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Securing and Maneuvering Heterogeneous Mobile Robot Formations

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Propositions
belonging to the thesis

SECURING AND MANEUVERING
HETEROGENEOUS MOBILE ROBOT FORMATIONS

by
Nelson Chan

1. Cubic equations play a crucial role in distance computation for feasible formation shapes. (Chapters 3 & 4)
2. By appropriate tuning of control gains, moving formations may be avoided. (Chapters 3 & 4)
3. By an appropriate setup, constraints on distances can be transformed to constraints on angles. (Chapter 5)
4. Diffusing information maintains better cohesion. (Chapter 6)
5. "When one teaches, two learn." - Robert Heinlein.
Similarly; when one volunteers, two benefit.
6. 一山还有一山高.
Translation: There is always another higher mountain.
7. "When there is no clear path, all we can do is put one foot in front of the other." From 'Grey's Anatomy'.
8. "Het grootste goed in dit leven blijft dat je jezelf vindt." - Carry Slee.
From 'Als je maar gelukkig bent'.
Translation: The greatest value in this life remains finding yourself.