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李宇森  LI, YUSEN

RESEARCH INTEREST	<p><b>Milky Way:</b> Galactic archaeology, Galaxy structures and dynamics</p> <p><b>Galaxies:</b> Galactic dynamics, bars and spirals, formation and evolution, morphology and structures</p> <p><b>Computing:</b> Simulation, mathematical modelling, machine learning, julia</p>	
EDUCATION	<p><b>Australian National University</b> Canberra, Australia</p> <p><i>Masters (MSc) in Astronomy and Astrophysics</i> 2025.07 - 2026.06</p> <p><i>Honours (HSc) in Astronomy and Astrophysics [7/7]</i> 2024.02 - 2024.12</p> <ul style="list-style-type: none"><li>• Supervisor: <a href="#">Prof. Kenneth Freeman</a></li><li>• Supervisor: <a href="#">Prof. Helmut Jerjen</a></li></ul> <p><i>Bachelor of Science (BSc) [5.9/7]</i> 2021.02 - 2023.12</p> <ul style="list-style-type: none"><li>• Major in <b>Mathematics &amp; Astronomy and Astrophysics</b></li></ul>	
AWARDS AND HONORS	<p><b>Bok Prize</b> (Astronomical Society of Australia) 2025.07</p> <p><i>The most outstanding Honours/Masters thesis in Australian Astronomy</i></p>	
ACADEMIC EXPERIENCE	<p><b>Visitor</b>   National Astronomical Observatories, China 2024.12 - 2025.06</p> <p>advisors: Profs. <a href="#">Jingkun Zhao</a> &amp; <a href="#">Gang Zhao</a></p>	
PUBLICATIONS ( <a href="#">ADS LIBRARY</a> )	<p>Li, Y., Freeman, K., &amp; Jerjen, H. 2025a, Monthly Notices of the Royal Astronomical Society, On the origin of the Hercules group: II. the Trojan quasi-periodic identity on the orbital level (<a href="#">ADS entry</a>)</p> <p>Li, Y., Freeman, K., Jerjen, H., Buder, S., Hayden, M., &amp; Mondal, A. 2025b, Monthly Notices of the Royal Astronomical Society, 538, On the origin of the Hercules group - I. Chemical signatures indicating the outer bar origin (<a href="#">ADS entry</a>)</p>	
CONFERENCES	<p><b>On the chemical and orbital origin of Hercules</b> Prize Talk</p> <p><i>The 2025 Astronomical Society of Australia Annual Scientific Meeting</i></p> <p><b>Stellar Orbit Dynamics</b> Presentation</p> <p><i>Mount Stromlo Student Seminar 2024</i></p> <p><b>The dynamical origin of the Hercules stream</b> Sparkler</p> <p><i>The 2024 Astronomical Society of Australia Annual Scientific Meeting</i></p>	

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