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**Lights in a sea of darkness: constraining the nature and properties of dark matter using the stellar kinematics in the centres of ultra-faint dwarf galaxies**

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# Lights in a Sea of Darkness

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Constraining the Nature and Properties of Dark  
Matter using the Stellar Kinematics in the  
Centres of Ultra-Faint Dwarf Galaxies



Sebastiaan L. Zoutendijk