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### Three-nucleon force effects in proton-deuteron break-up studied with BINA at 135 MeV

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RIJKSUNIVERSITEIT GRONINGEN

**Three-nucleon force effects in proton-deuteron  
break-up studied with BINΔ at 135 MeV**

**Proefschrift**

ter verkrijging van het doctoraat in de  
Wiskunde en Natuurwetenschappen  
aan de Rijksuniversiteit Groningen  
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To my dear wife, *Mehri*  
and my dear children,  
*Amir-Reza and Fatemeh*

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