

# **RATIONAL AND INTEGRAL POINTS OF BOUNDED HEIGHT ON QUINTIC DEL PEZZO SURFACES**

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The asymptotic behavior of the number of rational points of bounded anticanonical height on Fano varieties over number fields is predicted by Manin's conjecture. For integral points of bounded log-anticanonical height, one might expect a similar behavior within a framework developed by Chambert-Loir and Tschinkel. In joint work (partly in progress) with Christian Bernert, we prove such asymptotic formulas for rational and integral points on split smooth quintic del Pezzo surfaces over arbitrary number fields.