

STERIAN, Alexandru, A GEOMETRIC PROOF OF A NON-VANISHING THEOREM ON DEL PEZZO VARIETY V^n

Abstract: In this paper, we give a new proof of a non-vanishing result from [4], concerning first homology group of a line bundle defined on Del Pezzo toric variety of type V^n .

Keywords: toric varieties, vector bundles, vanishing theorems.

ACM/AMS Classification: 14M25, 14J60, 14F17