

Title: Value distribution of the Gauss map of improper affine fronts and affine Bernstein problem

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Abstract: We give the sharp estimate for the number of exceptional values of the Gauss map of weakly complete improper affine fronts in the affine three-space. As an application of this result, we provide a new proof of affine Bernstein problem for this class. This talk is based on a joint work with Daisuke Nakajo (Kyushu university).