# Slow entropy for smooth flows on surfaces

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We consider a class of mixing special flows over rotations with power-type singularities ($x^\gamma$ for some $-1 < \gamma < 0$). Under some assumption on the rotation angle, we show that the slow entropy of the corresponding special flow is equal to $\gamma$. As a consequence, we get that the type of the singularity is an invariant of measure-theoretic isomorphism.