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Title:	Resolution of Curves and Surfaces
Authors:	<a href="#">Bhutani, Shikha</a>
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Abstract:	The resolution of singularity exists for varieties of all dimensions over an algebraically closed field of characteristic zero. However, for positive characteristic, it is an open problem for dimensions $\geq 4$ . In this document, we show that embedded resolution exists for curves and surfaces over fields of arbitrary characteristics. We also talk about other techniques involved in the resolution of singularities and their limitations.
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