

# Pencils in not Necessarily Normal Surfaces

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The aim of this talk is to show the advances in the study of equisingularity in pencils of curves on non necessarily normal surfaces. A pencil is the family of curves given by zeros of linear combinations of two holomorphic functions. These families have been studied by Dũng Tráng Lê and Claude Weber in [13], Hélène Maugendre and Félix Delgado in [5] in the case of a non singular surfaces, by Lê and Romain Bondil in [1] and Hélène Maugendre with Félix Delgado in [6] in the case of normal surfaces. In all of these works they have characterized the special values of the pencils in terms of their minimal resolution. In this talk I will give a generalization of these results for the case of pencils on non necessarily normal surfaces.

## Referencias

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