

Elenco delle Pubblicazioni

Preprint:

- *Families of critical loci in multiview geometry*
M. Bertolini, R. Notari, C. Turrini
Submitted (2024)
- *Problems and related results in Algebraic Vision and Multiview Geometry*
M. Bertolini, C. Turrini
arXiv: 2401.17412 (2024)
- *The multilinear rank of trifocal Grassmann tensors*
M. Bertolini, G. Besana, G. Bini, C. Turrini
arXiv:2312.01492 (2023)

Pubblicati:

- *The varieties of bifocal Grassmann tensors*
Marina Bertolini; Gilberto Bini; Cristina Turrini
ANNALI DI MATEMATICA PURA E APPLICATA (2023).
<https://doi.org/10.1007/s10231-023-01317-y>
- *A mathematical characterization of anatomically consistent blood capillary networks*
Marina Bertolini; Paola Causin; Cristina Turrini
JOURNAL OF MATHEMATICS IN INDUSTRY Vol.13 (3) (2023).
DOI: 10.1186/s13362-022-00129-8
- *Smooth determinantal varieties and critical loci in multiview geometry.*
M. Bertolini, R. Notari, C. Turrini
COLLECTANEA MATHEMATICA (2021).
DOI: 10.1007/s13348-021-00329-2.
- *The rank of trifocal grassmann tensors.*
M. Bertolini, G. Besana, G. Bini, C. Turrini
SIAM JOURNAL ON MATRIX ANALYSIS AND APPLICATIONS vol. 41 (2) (2020).
DOI: 10.1137/19M1277205
- *Critical loci in computer vision and matrices dropping rank in codimension one.*
M. Bertolini, G.M. Besana, R. Notari, C. Turrini
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- *Critical Hypersurfaces and Instability for Reconstruction of Scenes in High Dimensional Projective Spaces.*
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- *Critical loci for two views reconstruction as quadratic transformations between images.*
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- *The Bordiga surface as critical locus for 3-view reconstructions*
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 doi:10.1007/s10231-016-0585-4
- *Critical loci for projective reconstruction from multiple views in higher dimension: a comprehensive theoretical approach*
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- *Threefolds in P^6 of degree 12*
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- *Linear Pose Estimate from Corresponding Conics*
 A.Alzati, M. Bertolini, A. Borghese, I. Frosio, C. Turrini
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- *On the ampleness of the normal bundle of line congruences*
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- *Applications of Multiview Tensors in Higher Dimensions.*
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- *Instability of Projective Reconstruction of Dynamic Scenes near Critical Configurations.*
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- *Critical configurations for 1-view in projections from P^k to P^2 ,*
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- *On the problem of rationality for some cubic complexes*
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