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	Nota di contenuto	Introduction PART I Research Articles. Marcus: Tudor Zamfirescu: from convex to magic Yuan: Acute Triangulations of Rectangles, with Angles Bounded Below Skupien: Multi-compositions in exponential counting of hypohamiltonian snarks Shabbir & T. Zamfirescu: Hamiltonicity in k-tree-Halin graphs Schneider: Reflections of planar convex bodies Rouyer: Steinhaus conditions for convex polyhedra Riviere: About the Hausdorff dimension of the set of endpoints of convex surfaces Prunescu: About a surprising computer program of Matthias Müller Oliveros, Martinez & Montejano: Extremal results on intersection graphs of boxes in R^d Massé, Euler & Lemarchand: On the connected spanning cubic subgraph problem Kincses: On the Helly dimension of Hanner polytopes Itoh & Ohtsuka: Classification of normal 2-polyhedra of

	positive constant curvature Heppes & Jeronimo-Castro: T(4) families of-disjoint ovals Fruchard & Magazinov: Fair partitioning by straight lines Filip & Petrusel: Fixed point theorems for multivalued Zamfrescu operators in convex Kasahara spaces Et-Taoui: Complex conference matrices, complex Hadamard matrices and complex equiangular tight frames Chevallier, Fruchard & Vilcu: Envelopes of -sections Bokowski & al.: Selected open and solved problems in computational synthetic geometry Bau: Reductions of 3-connected quadrangulations of the sphere Barany & Por: Paths on the sphere without small angles PART II Open Problem Notes. Zamfirescu T.: Two problems on cages for discs Zamfirescu Carol T.: Seven problems on hypohamiltonian and almost hypohamiltonian graphs Vilcu & Zamfirescu: Six problems on the length of the cut locus Simoes-Pereira: Existence Problems for Matroidal Families Funar: Cubical Pachner moves Eckhoff: Problems in Discrete Geometry Chevallier & Fruchard: What is the minimal cardinal of a family which shatters all d-subsets of a finite set? Baskoro: Some open problems of Ramsey minimal graphs
Sommario/riassunto	This volume presents easy-to-understand yet surprising properties obtained using topological, geometric and graph theoretic tools in the areas covered by the Geometry Conference that took place in Mulhouse, France from September 7–11, 2014 in honour of Tudor Zamfirescu on the occasion of his 70th anniversary. The contributions address subjects in convexity and discrete geometry, in distance geometry or with geometrical flavor in combinatorics, graph theory or non-linear analysis. Written by top experts, these papers highlight the close connections between these fields, as well as ties to other domains of geometry and their reciprocal influence. They offer an overview on recent developments in geometry and its border with discrete mathematics, and provide answers to several open questions. The volume addresses a large audience in mathematics, including researchers and graduate students interested in geometry and geometrical problems.