



赵轩艺

讲师

xyzhao@dlnu.edu.cn

教育背景

大连理工大学理学博士（2017）

大连理工大学理学学士（2012）

研究领域

计算机辅助几何设计、计算几何

代表性成果

论文类:

(1) Self-intersections of rational Bézier curves, *Graphical Models*, 76(5), 312-320, 2014. (SCI)

(2) Injectivity conditions of rational Bézier surfaces, *Computers & Graphics*, 51, 17-25, 2015. (SCI)

(3) Injectivity of NURBS curves, *Journal of Computational and Applied Mathematics*, 302, 129-138, 2016. (SCI)

(4) Geometric conditions of non-self-intersecting NURBS surfaces, *Applied Mathematics and Computation*, 310, 89-96, 2017. (SCI)

(5) The number of regular control surfaces of toric patch, *Journal of Computational and Applied Mathematics*, 329, 280-293, 2018. (SCI)

(6) A new emergency decision support methodology based on multi-source knowledge in 2-tuple linguistic model, *Knowledge-Based Systems*, 144:, 77-87, 2018. (SCI)

(7) 有理 Bézier 曲线的自交点, *计算机辅助设计与图形学学报*, 25(5), 738-744, 2013.

荣誉奖励

2017 年辽宁省自然科学学术成果奖学术论文类三等奖

社会兼职

中国工业与应用数学学会会员

其他

