BOUNDEDNESS OF (ϵ, n)-COMPLEMENTS FOR SURFACES

Speaker: Guodu Chen
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Time：Wed, Sept. 23rd, 14:00-15:00

Venue: Room 102, Shanghai Center for Mathematical Sciences

Abstract: The theory of complements is introduced by Shokurov when he proved the existence of flips for threefolds. In this talk, I will introduce Shokurov's conjecture on the boundedness of ϵ-lc complements, that is the existence of (ϵ,n)-complements. Then I will show some applications of the conjecture. Finally, I will give a sketch of the proof of the conjecture for surfaces. This is a joint work with Jingjun Han.