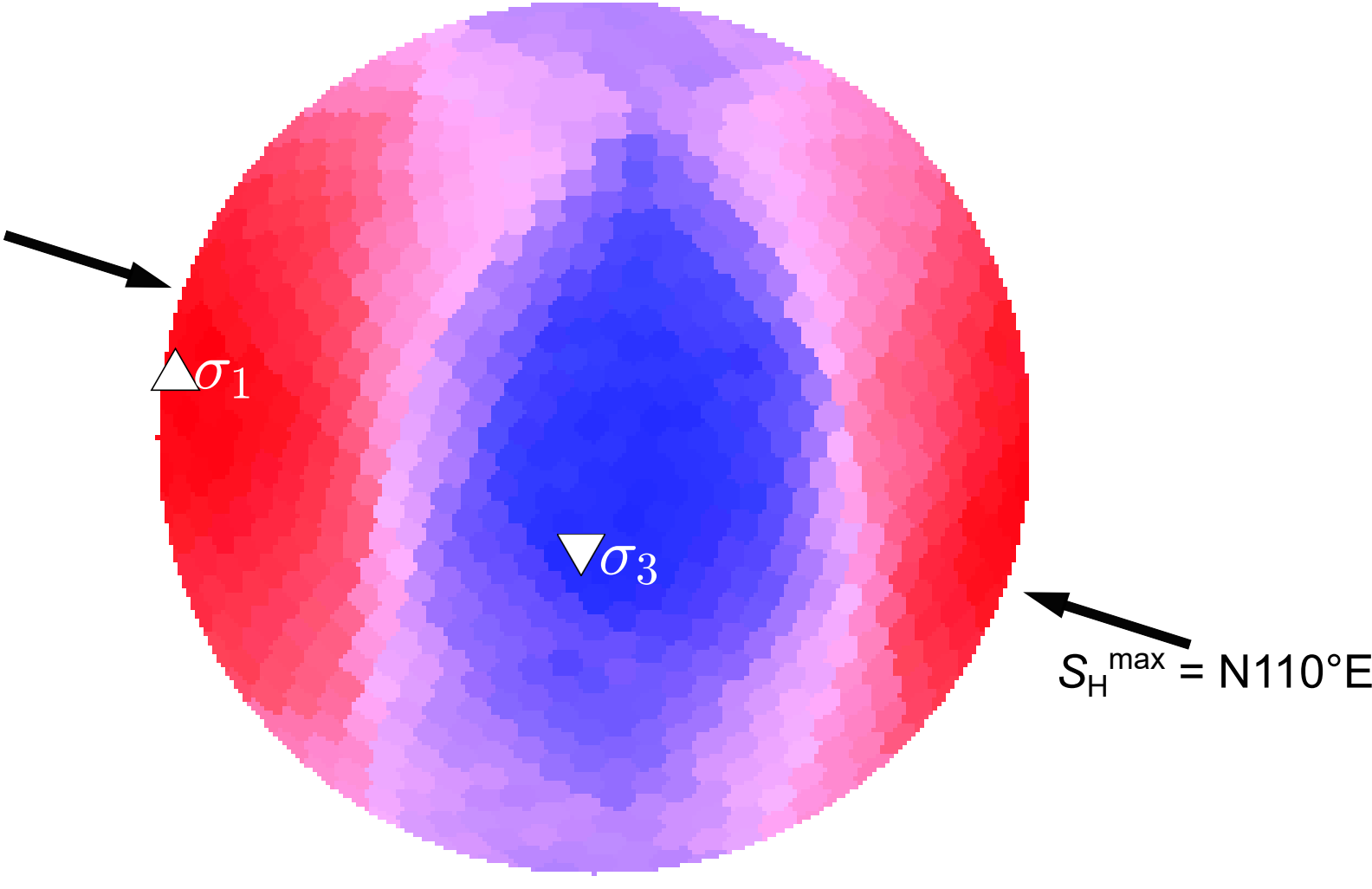
σ_1
σ_3
S_H^{max} = N110°E