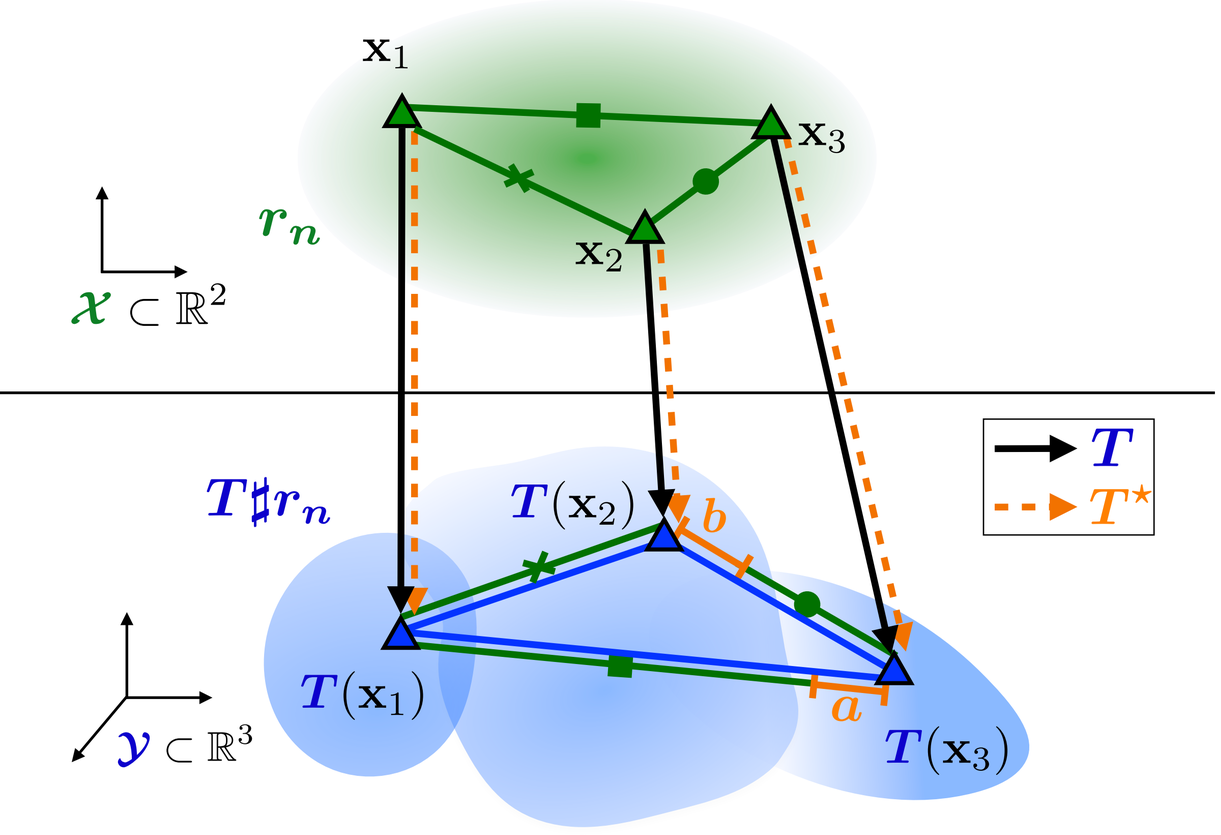
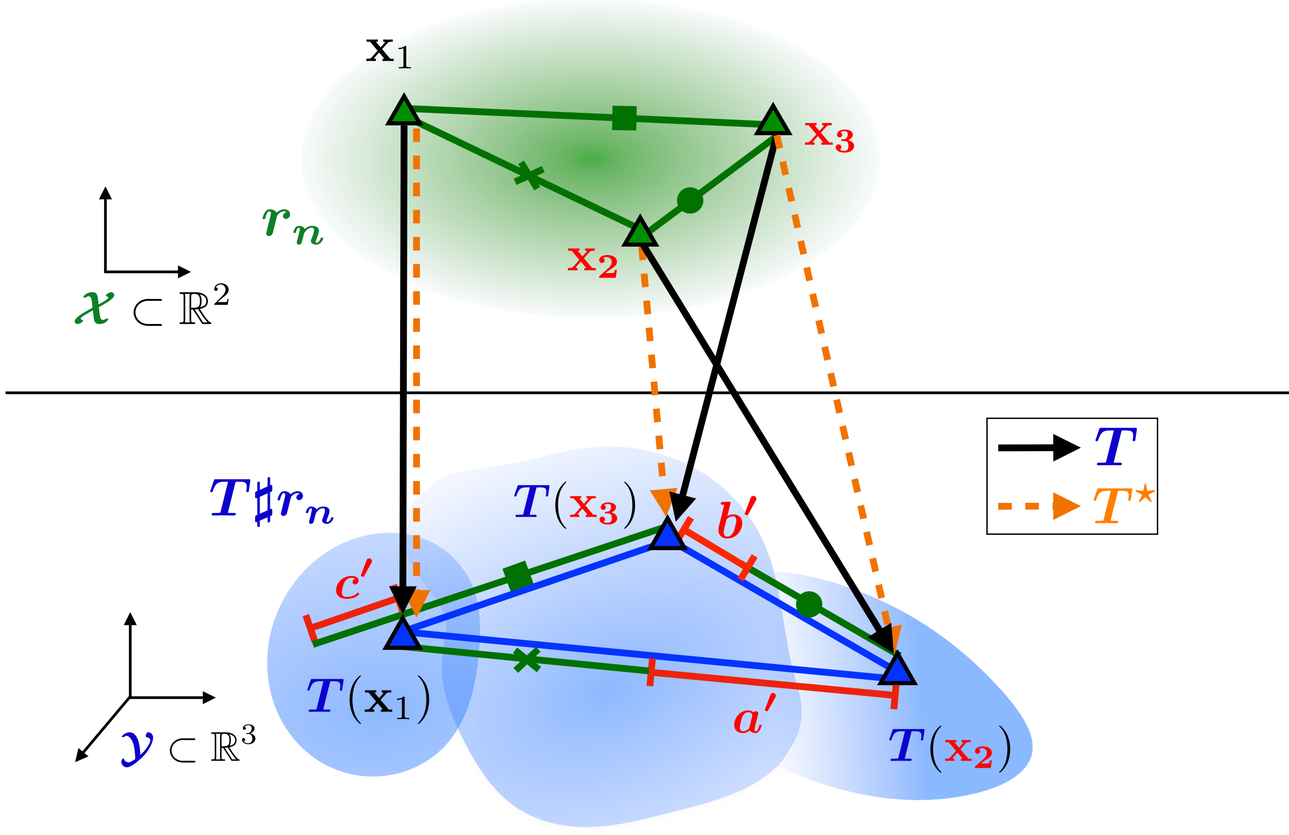


$$\mathrm{GMG}_{r_n}(T) = \frac{1}{9}\underbrace{(a^2+b^2)}_{\mathrm{DST}_{r_n}(T)} - \frac{1}{9}\underbrace{(a^2+b^2)}_{\text{minimal DST}} = 0$$



$$\mathrm{GMG}_{r_n}(T) = \frac{1}{9}\underbrace{(a'^2+b'^2+c')}_{\mathrm{DST}_{r_n}(T)} - \frac{1}{9}\underbrace{(a^2+b^2)}_{\text{minimal DST}} > 0$$