

Geometric Intersection

Detecting Intersection Between Convex Polygons

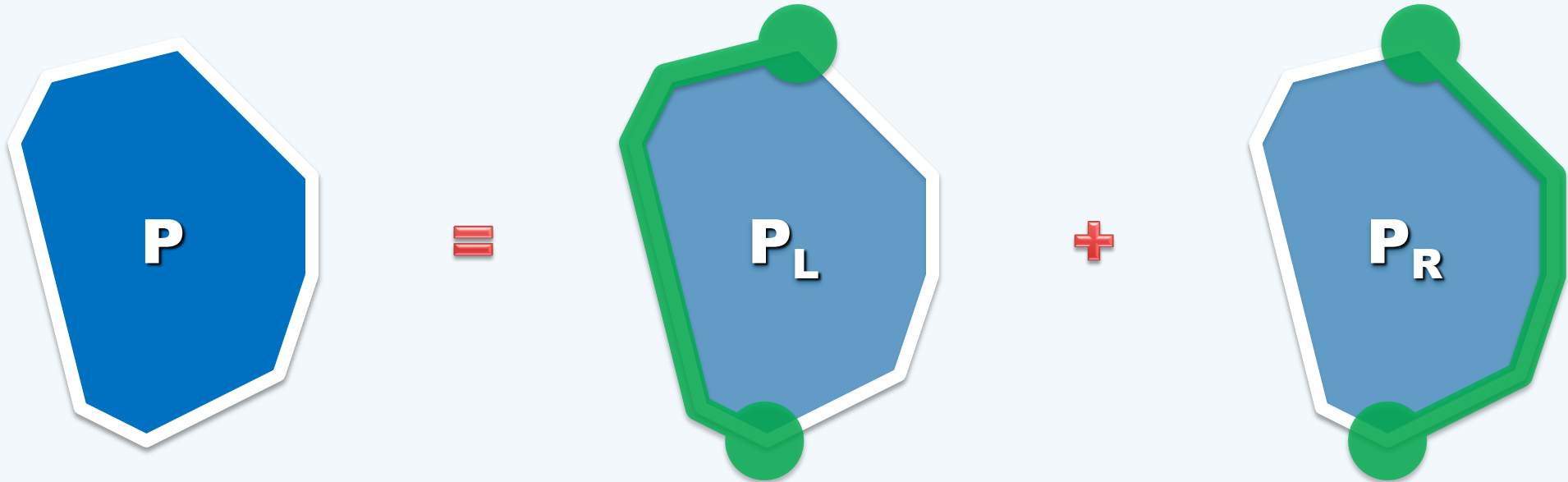
- Monotone Partitioning

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Monotone Chains

❖ Every convex polygon P can be partitioned into 2 y -monotone chains



❖ $|P_L|/|P_R|$ is non-increasing/non-decreasing

Augmentation

❖ P_L / P_R is attached with 2 horizontal rays running toward $+\infty$ / $-\infty$

