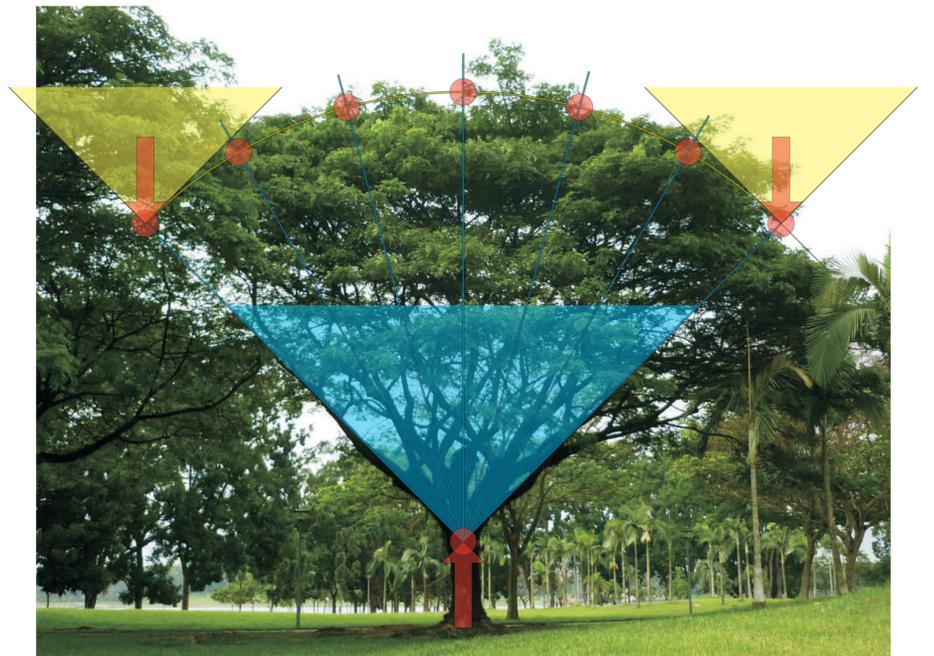
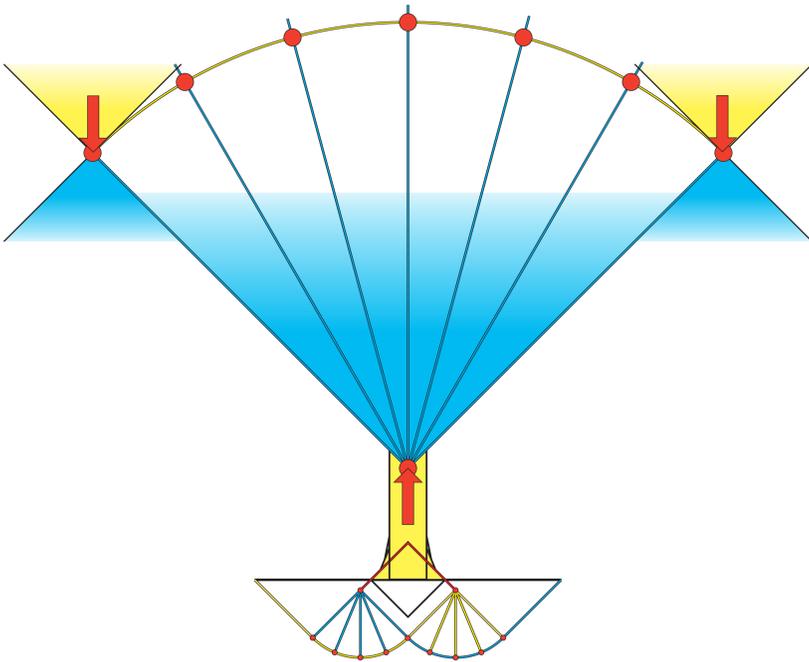


# Biomechanics of Umbrella Trees

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Only at a maximum bordering angle of  $90^\circ$ , there is direct interaction between compression cones at the crown periphery with the compression force cone of the trunk. The spherical top of the crown can be derived from the peripheral tensile cones and imagined to be a bracing by finer twigs interlocking with each other.

A non-dogmatic pruning guide:  $90^\circ$ -caliber



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