## The 4 Means

How the $\mathbf{4}$ means of $a$ and $b$ are represented in the $\mathbf{2}$ bicentric quadrilaterals having a single symmetry axis.
A tangential polygon has an incircle. A cyclic polygon has a circumcircle. A bicentric polygon has both. We transform the square, preserving one kind of symmetry axis in each case
Lhe root mean square the arithmetic mean
$\sqrt{\frac{a^{2}+b^{2}}{2}}$


