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On the Symmetry of Square-Free Supported Arithmetical Functions in Short Intervals

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Abstract: We study the links between additive and multiplicative arithmetical functions, say f, and their square-free supported counterparts, i.e. $\mu^2 f$ (here μ^2 is the square-free numbers characteristic function), regarding the (upper bound) estimate of their symmetry around x in almost all short intervals $[x-h, x+h]$.

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