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A hitchhikers guide to complete intersection fibers in F-theory

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We refine the recent classification of complete intersection Calabi-Yau onefolds in three-dimensional toric ambient spaces. We provide F-theory fibers with novel features and our analysis supports the duality between Mordel-Weil torsion and Tate-Shafarevich degree that was observed for toric hypersurfaces. We explain the duality for the latter and comment on a possible extension to a general proof for complete intersection fibers.

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