Instead of being a concept that just appeared out of nowhere, parallelity has sound foundations which are mainly aided by the linearity of the previous calculations after algebraic simplifications. It also ensures its equivalence with the original time-minimizing task. We know that equivalent conversions are usually made to alter the problem’s external modality but maintain its inherent structure with equivalence, and that’s exactly what parallelity does. It converts the complex multi-variable formula of total time into a simple univariate optimization of parallelity, which significantly eases the burden of exhaustively searching all the cases.