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Keiko Kawamuro* (kawamuro@iowa.uiowa.edu), 14 MacLean Hall, Iowa City, IA 52242, and
Tetsuya Ito. *Essential open book foliation.*

I introduce the “essential” open book foliation and apply it to study the fractional Dehn twist coefficient and tight contact structures. This is a joint work with Tetsuya Ito. (Received January 09, 2012)