From: Moody, Dustin (Fed)
To: Dang, Thinh H. (Fed)
Subject: Hessian isogeny question
Date: Wednesday, June 3, 2020 3:13:09 PM

Thinh,

In the other paper (not ours) that looks at Hessian isogenies, they cite our paper as saying a general isogeny costs $(5r+3)M+4S+8rC$, while theirs costs $(3r+3)M+3S+3rC$.

Two questions - in our paper I don't see where we have $(5r+3)M+4S+8rC$. Do you see where they get that? Also, I think we had our formulas as not competitive with the Edwards isogenies, but they claim their formulas are faster than Edwards isogenies. Does this seem plausible to you?

Sorry - this probably seems out of the blue, but its part of a review I'm doing.

Dustin