PRYM VARIETIES, THE TRISECANT CONJECTURE, AND ANDREOTTI–MAYER LOCI

The French text and its English translation are the result of the conversion by Xin Yang, student at Fudan University, Shanghai, China, whom I thank here, of a scanned copy of my 1987 thesis, using ChatGPT. I did not check the English translation.

In the process, ChatGPT found an error in a proof, error which it was unable to fix. Here is what its report says: *There is a substantive gap in the original proof of Theorem A1.2.4, in the initial case of polarization type* $(2, 2)$ *and* $g = 5$.

As a result, the statements concerning polarizations of type $(2, 2)$ in Theorem A1.2.4 and Corollaries A1.2.11, A1.3.6, and A1.4.5 must be considered unproved at the moment.