

June 28, 2023

**CORRECTIONS TO:
FAMILIES OF VARIETIES OF GENERAL TYPE
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Here is a list of corrections to my book *Families of varieties of general type*. Further corrections and comments are most welcome.

Chapter 9. The dimension should be handled more carefully for schemes not of finite type. The top of p.348 mentions the need of a good dimension function, but this is not followed up carefully enough. The problem is that, for a general scheme, the dimension of a dense open set can be less than the dimension of the scheme. So in Chap. 9, we should start with a finite type morphism, fix the dimension function to be the dimension, and then use this dimension function when we localize etc. (thanks to Masafumi Hattori, Yuji Odaka and Shou Yoshikawa).

'Cited on pages' numbers are messed up:

This was not updated at the end of reformatting. At the begining, the page number given as 'Cited on pages' is 11 too high. By the end, it is 8 too low.

Citation updates:

(Esser, Totaro, Wang, 2021) is now "to appear in Trans. Amer. Math. Soc."

(Lin, 2015) is now Lin, Yinbang, Moduli spaces of stable pairs. Pacific J. Math. 294 (2018), no. 1, 123–158.

(Xu,2020) is now Chenyang Xu, K-stability of Fano varieties: an algebro-geometric approach. EMS Surv. Math. Sci. 8 (2021), no. 1/2, pp. 265–354