Errata of Iskovskikh, V. A. & Prokhorov, Y. Fano varieties. Algebraic geometry. V. Springer, 1999.

- p. 23, Definition 2.1.1. It should be "$-(K_X+B)$ ample" instead of "$K_X + B$ ample"
- p. 33, 2.1.16 (i), it should be "3.3.1 (i)" instead of "3.1.6 (i)"
- p. 34, third line, 2.1.16 (iii). " by a quartic" instead of "by a quadric"
- p. 39, 2.2.14 (ii) b). $E \cdot \sigma^* Z = f \cdot Z = 0 \longmapsto E \cdot \sigma^* Z = f \cdot \sigma^* Z = 0$.
- p. 46, 2.3.16. ref2.3.15 $\longmapsto$ 2.3.15.
- p. 48. nonsingular along C; $-K_X = C' + (a+2)F' \longmapsto$ nonsingular along C; $-K_{\tilde{X}} = C' + (a+2)F'$.
- p. 48, line -10. $-K_X = C'+(a+2)F' \longmapsto -K_{\tilde{X}} = C'+(a+2)F'$
- p. 48, line 13. surface of degree $m+1 \longmapsto$ surface of degree m
- p. 48. *Remark.* The surface C' is normal.

  Proof. Since $C = C' \cap E$,

  $$N_{C/\tilde{X}} = N_{C/C'} \oplus N_{C/E}.$$

  Hence $N_{C'/\tilde{X}}|_C \simeq N_{C/E}$ is negative. In particular, C' is not nef. Note that $-K_{\tilde{X}}$ is nef and the Mori cone is polyhedral and generated by contractible extremal rays. So there is an extremal ray R such that $C' \cdot R < 0$. Since C' is nef over W, R is K-negative. By the classification of extremal rays C' is normal. □
- p. 55. Remark 3.3.2 (ii). If $d \geq 5$ and $d \neq 6$, then
- p. 61. THe $\longmapsto$ the.
- p. 68, 4.1.5, (i). *see (1.3.1)* $\longmapsto$ *see (1.4.3).*
- p. 69, Type E1. $r \cdot \deg Y \longmapsto r^3 \cdot \deg Y$.
- p. 70, Proposition 4.1.12 (ii). if $g = 5$ and <u>X is nonsingular</u>, then
- p. 90, 4.4.11 (v). $\varphi : \tilde{X}^+ \to \mathbb{P}^2 \longmapsto \varphi : \tilde{X}^+ \to \mathbb{P}^1$.
- p. 90, 4.4.11 (vii). $D \sim 2(-K_{\tilde{X}^+} - 3E^+) \longmapsto D \sim 2(-K_{\tilde{X}^+}) - 3E^+$.
- p. 91, 4.4.12 (ix). Missing comma.
- p. 92, Lemma 4.4.14 (ii). $y \to R' \longmapsto y \in R'$
- p. 99, 4.5.8 (i). $Y = X = X_{16} \subset \mathbb{P}^{10} \longmapsto Y = Y_{10} \subset \mathbb{P}^7$
- p. 99, 4.5.8 (ii). $Y = X = Y_{16} \longmapsto Y = Y_5$
- p. 99, 4.5.8 (v). Delete "two-dimensional fibers".
- p. 102. some line $Z \longmapsto$ this line Z.
- p. 102, 4.6.3 (v). Missing comma.
- p. 112. satisfying the condition $F_d(x,y,z) = \sum a_i f_i^n \longmapsto$ satisfying the condition $F_d(x,y,z) = \sum a_i f_i^d$.
- p. 129, line 5. Kawamata (1992b) $\longmapsto$ Kawamata (1992a)

- p. 129, with the missing case the number of classes with $\rho = 4$ becomes 13
- p. 133, Lemma 7.1.9. reduced $\longmapsto$ reducible
- p. 132, Lemma 7.1.10. $b_2(X) - b_2(X) \longmapsto b_2(X) - b_2(S)$
- p. 144, 7.2.2 (ii) c), X is $\mathbb{P}_{\mathbb{P}^r}(\mathscr{E})$ where $\mathscr{E} = \mathscr{O}_{\mathbb{P}^r}(2) \oplus \mathscr{O}_{\mathbb{P}^r}(1)^{\oplus(r-1)}$ instead of $\mathbb{P}_{\mathbb{P}^2}(\mathscr{E})$ where $\mathscr{E} = (\mathscr{O}_{\mathbb{P}^2}(2) \oplus \mathscr{O}_{\mathbb{P}^2}(1))^{\oplus(r-1)}$
- p. 158, lines 20-25.

  Moreover, varieties of types (4), (6), (7), and (9) are also standard conic bundles with respect to the natural projections:
  (4): $X \to \mathbb{P}^2$ with the degeneration curve of degree 8;
  (6): $X \to \mathbb{P}^2$ with the degeneration curve of degree 6;
  (7): $X \to \mathbb{P}^2$ with the degeneration curve of degree 6;
  (9): $X \to \mathbb{P}^1 \times \mathbb{P}^1$ with the degeneration curve of bidegree $(4, 4)$.
- p. 164, line 22. Clemens (1991) $\longmapsto$ Clemens (1983a)
- p. 164, 8.2.2, (4). $X = V_6 \subset \mathbb{P}^6 \longmapsto X = V_8 \subset \mathbb{P}^6$.
- p. 177, (iv). It seems that X should be sufficiently general [Iskovskikh-Pukhlikov 1996].
- p. 186, line 4. Roth (1949) $\longmapsto$ Roth (1955).
- p. 186, line 7. Ramanujam (1972) $\longmapsto$ Ramero (1990).
- p. 215, case $r = 2$, $-K_X^3 = 8$. Description is missing. It should be $X = X_6 \subset \mathbb{P}(1, 1, 1, 2, 3)$.
- p. 215, case $r = 1$, $-K^3 = 4$, $Q \subset \mathbb{P}^4$ instead of $Q \subset \mathbb{P}^5$
- p. 220, No. 3. $\mathbb{P}^1 \times \mathbb{P}^1 \times \mathbb{P}^1 \longmapsto \mathbb{P}^1 \times \mathbb{P}^1 \times \mathbb{P}^2$.
- p. 221, No. 14. Missing "*the* union".
- p. 223, No. 5. Missing "R".
- p. 223, No. 7. Missing "R".
- p. 224, Table §12.5. One case is missing (see [Mori, S. & Mukai, S. Erratum: "Classification of Fano 3-folds with $B_2 \geq 2$" Manuscripta Math., 2003, **110**, p. 407]).
- p. 224, Table §12.5. multidegree $(1, 1, 1, 1)$ on $\mathbb{P}^1 \times \mathbb{P}^1 \times \mathbb{P}^1 \times \mathbb{P}^1$
- p. 224, Table §12.6. Table head: No. ρ.
- p. 224, Table §12.6, second column. 5, 5.
- p. 228, referenses. Beauville A., Colliot–Thélène J.–L., Sansuc J.–J.
- p. 240, Prokhorov Yu. G. (1995c).
- p. 242. Repetition of `Szurek, M. and Wiśniewski, J. A. (1990b-c)`

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