Typos And Errors In
CURVES AND SURFACES
IN GEOMETRIC MODELING
by
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January 6, 2008
8, line 9, change “affine spaces” to “affine subspaces”
8, line 10, change “affine spaces” to “affine subspaces”
11, line -4, change $x = (x_1, x_2, x_3)$ to $a = (a_1, a_2, a_3)$
19, line -2, change “define as the set” to “defined as a set”
22, line -12, equation $a(x - x_0) + b(y - b_0) = 0$ should be $a(x - x_0) + b(y - y_0) = 0$.
79, change “symmetric with respect to the Y-axis” to “symmetric with respect to the origin”
82, line 4, change “satisfies” to “satisfies”
88, line 2, change $y = aX^3 + bx^2 + cx + d$ to $y = aX^3 + bX^2 + cX + d$
211, line 8, change $b_{k+j+1,j}$ to $d_{k+j+1,j}$.
263, in the algorithm at the top of the page, some occurrences of $i$ should be in boldface: in line 6,

$$i := (i, j, k);$$

and in line 7, all occurrences of the subscript $i$:

$$b_i^l := \lambda b_{i+e_1}^{l-1} + \mu b_{i+e_2}^{l-1} + \nu b_{i+e_3}^{l-1}.$$ 

In line 11, 0 should be boldface in $b_0^m$.
295, line 22, delete the comma after “ss]”.
313, lines 15–17, delete the sentence “Since every point ... on the line $(r, s)$.”
318, line -10 and -11, change $(s, q_1, q_2, t)$ to $(s, q, x, y)$ and $(s, p_1, p_2, t)$ to $(s, p, z, y)$.
325, in Lemma 9.3.3, change “triangle $A$” to “rectangle $A$”
332, line -14, change “subdivison” to “subdivision”
334, line -2, change 11/5 to 11/8 in the inequality.
341, line 15, change 11/5 to 11/8 in the inequality.
349, In Lemma 10.1.1, to insure the commutativity of $\hat{+}$, case 3 should be

$$\langle a, \lambda \rangle \hat{+} u = u \hat{+} \langle a, \lambda \rangle = \langle a + \lambda^{-1} u, \lambda \rangle$$

354, line 6, there should be a vector above the right hand side expression.
387, line -12, change “sequences” to “multisets”
388, delete lines 7-13.
388, lines 14-15, change $h: E \times E \to E' \circ E'$ to $h: E \times E \to \circ^2 E'$.
388, line 18, change $f \circ g: E \circ E \to E' \circ E'$ to $f \circ g: \circ^2 E \to \circ^2 E'$.
388, line -6, change $f_i: E_i \to F_i$ to $f_i: E \to F$.
396, Problem 7, line -4, change “sequences” to “multisets”.
397, Problem 9, in part (a), change the subscript $i$ to $j$ and add $i$ in front of $\sum_j \mu_j \otimes \overline{w}_j$. 