Typos And Errors In CURVES AND SURFACES IN GEOMETRIC MODELING

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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 "sastifies" 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,

$$\mathbf{i} := (i, j, k);$$

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

$$b_{\mathbf{i}}^l := \lambda b_{\mathbf{i}+\mathbf{e}_1}^{l-1} + \mu b_{\mathbf{i}+\mathbf{e}_2}^{l-1} + \nu b_{\mathbf{i}+\mathbf{e}_3}^{l-1}$$

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

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

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 $h: E \times E \to E' \odot E'$ to $h: E \times E \to \bigodot^2 E'$.

388, line 18, change $f \odot g: E \odot E \to E' \odot E'$ to $f \odot g: \bigcirc^2 E \to \bigcirc^2 E'$.

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 $\sum_{j} \mu_j \otimes \overline{u_j}$.