

**Mathematical Tapas. Volume 2**  
**(from Undergraduate to Graduate level)**

List of errors, apart from obvious typos.

- Page 12, T(apa) 13. In (6), a minus sign is missing in the expression of  $g''(y)$ .
- Page 13, T 15. Hints 2°) ...with  $t < 0$ .
- Page 17, T 21. In (4), it is  $\Delta_{S_2} \leq \Delta_{S_1}$ .
- Page 29, T 36. Line 4: ... +  $\beta(1 - \beta) \|\alpha u - (1 - \alpha)v\|^2$ .
- Page 36, T 46. Answer 1°) (b).  $\|f_0\| = 1 - 2/e$  ;  $N(f_0) = 1$ .
- Page 40, T 50. Hint 2°). The proposed  $f$  is not continuous, but is easily modified to make it work.
- Page 40, T 51. 2°) (a). The integrand is  $\varphi(1, t)$ .
- Page 47, top line. It is  $f(x_0)$ , not  $f(x)$ .
- Page 56, T 68.  $a_1$  at end, not  $a_{n+1}$ .
- Page 88, T 101. In (1),  $f_0(x) = 0$  if  $x \leq 0$ .
- Page 125, T 128. Answer 3°) (a). In  $D$ , it is  $(1, \alpha, \frac{3\alpha^2}{4})$ .
- Page 137, T 142, 9°). ...  $\rightarrow \langle u, v \rangle$ .
- Page 152, T 157. Last line. See Tapa 221 for an example.
- Page 166, T 171. Line 2. ... as close as possible to  $u$ .
- Page 174, T 180. Hints. Line 2.  $AD = b$ .
- Pages 174-175. Equations (2) and (3) are identical.
- Pages 229-232, T 219. Labelling of Figures 1 and 2 should be interchanged.