

Erratum

François Faure

Grenoble Universite, INRIA, LJK-CNRS

Abstract

Some formulas in [NPF05] are erroneous. We apologize for the inconvenience and provide the exact version.

1 Shape functions

$$\begin{aligned}\beta_a &= -y_c z_d \\ \gamma_a &= x_c z_d - x_b z_d \\ \delta_a &= y_c x_d - x_c y_d + x_b y_d - x_b y_c \\ \beta_b &= y_c z_d & \beta_c &= 0 & \beta_d &= 0 \\ \gamma_b &= -x_c z_d & \gamma_c &= x_b z_d & \gamma_d &= 0 \\ \delta_b &= x_c y_d - x_d y_c & \delta_c &= -x_b y_d & \delta_d &= x_b y_c\end{aligned}$$

References

- [NPF05] Matthieu Nesme, Yohan Payan, and François Faure. Efficient, Physically Plausible Finite Elements. In *Eurographics*, Dublin, Ireland, 2005.