

## File S4

### Sample Maps of Static Quantities.

Figures show deflection and stress maps for the plate with reference parameters at  $C = 1 \text{ kNm}/(\text{m}\cdot\text{rad})$ .

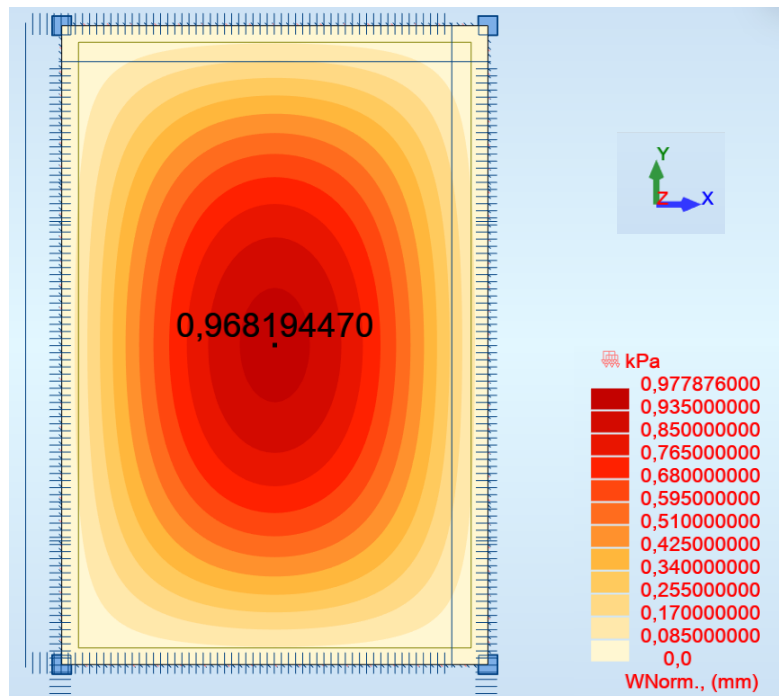


Figure S4-1. Map of deflection for the plate with reference parameters at  $C = 1 \text{ kNm}/(\text{m}\cdot\text{rad})$ .

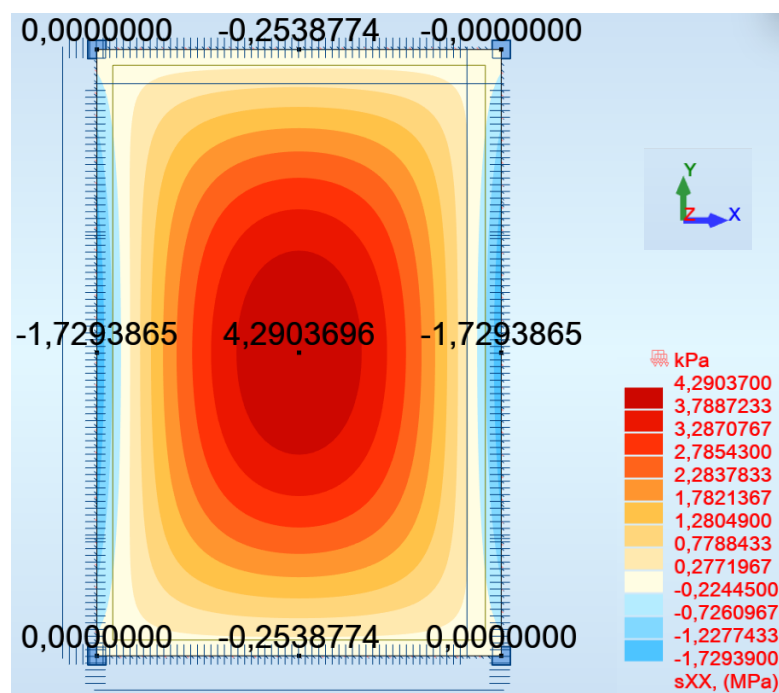
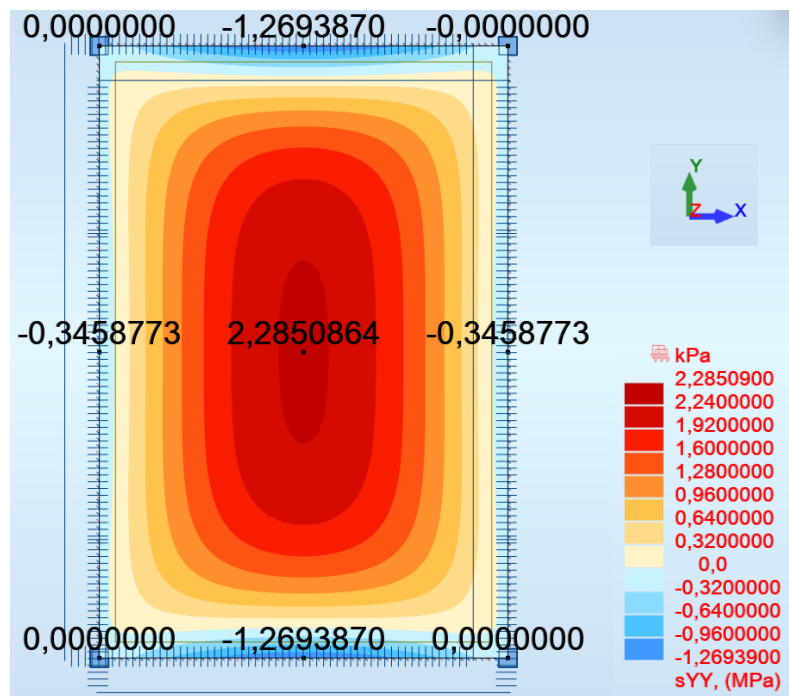


Figure S4-2. Map of stress  $\sigma$  for the plate with reference parameters at  $C = 1 \text{ kNm}/(\text{m}\cdot\text{rad})$ .



**Figure S4-3.** Map of stress  $\sigma_y$  for the plate with reference parameters at  $C = 1 \text{ kNm}/(\text{m}\cdot\text{rad})$ .