

Fig. E-1A

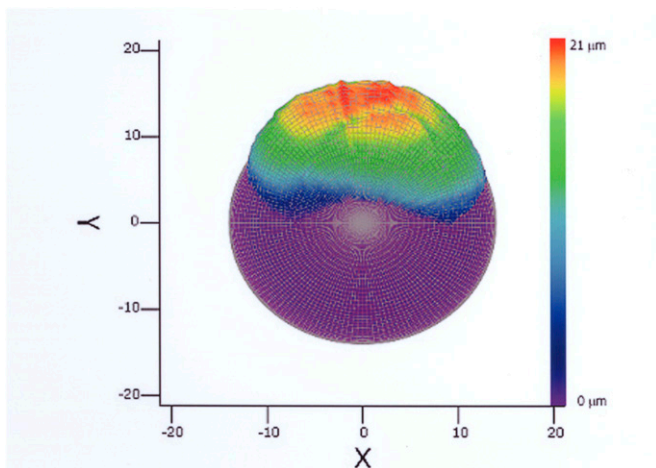


Fig. E-1B

**Figs. E-1A and E-1B** Wear measurement. **Fig. E-1A** A temporary coordinate system was applied to the ball heads, and more than 5000 measurements of the surfaces were performed. **Fig. E-1B** The results are presented in a colorimetric manner.