

# American Journal of Science

SEPTEMBER 2007

## CONTENTS

- Converged surface roughness parameters—A new tool to quantify rock surface morphology and reactivity alteration  
*Cornelius Fischer and Andreas Lüttge* 955
- Two-dimensional reactive transport modeling of CO<sub>2</sub> injection in a saline aquifer at the Sleipner site, North Sea  
*Pascal Audigane, Irina Gaus, Isabelle Czernichowski-Lauriol, Karsten Pruess, and Tianfu Xu* 974
- Evolution of boudins under progressively decreasing pore pressure—A case study of pegmatites enclosed in marble deforming at high grade metamorphic conditions, Naxos, Greece  
*Oliver Schenk, Janos L. Urai, and Wouter Van Der Zee* 1009
- Comment: Supersaturation in binary solid solution—Aqueous solution systems (Comment on “Crystallization kinetics in binary solid solution—aqueous solution systems” by Alexander G. Shtukenberg, Yurii O. Punin and Pavel Azimov, American Journal of Science, v. 306, p. 553–574.)  
*Manuel Prieto, José Manuel Astilleros, Carlos M. Pina, Lurdes Fernández-Díaz, and Andrew Putnis* 1034
- Reply  
*Alexander G. Shtukenberg, Yurii O. Punin, and Pavel Azimov* 1046