## **Table of Contents**

A Review On E-learning: Perspectives And Challenges  Yosra Mourali, Maroi Agrebi, Houcine Ezzedine, Ramzi Farhat, Mohamed Jemni, and Mourad Abed	1
A Tool to Enable Knowledge Management: A Case Study at an Educational Institution  Maycon Sousa, Inaka Barreto, and Cleyton Souza	8
Improving DMF with Hybrid Loss Function and Applying CF-NADE to the MOOC Recommendation System <i>Thanh Le, Vinh Vo, Khai Nguyen, and Bac Le</i>	13
On the Use of Websockets to Maintain Temporal States in a Stateless Application  Josefa Gomez, Abdelhamid Tayebi, and Juan Casado	21