Title: A family of temporal logics on finite trees

Author(s): Zoltán Ésik and Szabolcs Iván

We associate a temporal logic $\text{XTL}(\mathcal{L})$ with each class $\mathcal{L}$ of (regular) tree languages and provide both an algebraic and a game-theoretic characterization of the expressive power of the logic $\text{XTL}(\mathcal{L})$.

Address:
Zoltán Ésik
Department of Computer Science
University of Szeged
Hungary

Address:
Szabolcs Iván
Department of Computer Science
University of Szeged
Hungary