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**Picado, Jorge** (P-CMBR-CM); **Pultr, Aleš** (CZ-KARL-ITI)  
**Entourages, covers and localic groups.** (English summary)  
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Among equivalent definitions of a uniform space there are the entourage definition (Weil) and the uniform cover definition (Tukey). In the paper under review the authors compare the two approaches in the category of locales viewed as point-free topologies. While the cover approach extends immediately to the point-free setting, the entourage approach depends on the concept of a product which in the category of locales considerably differs from products of topological spaces. Nevertheless, the authors show that the two approaches continue to be equivalent in the point-free setting. The isomorphism they construct is then applied to the natural uniformities of localic groups. They show that localic group homomorphisms are uniform. *Tomasz Kubiak*

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