

- ▶ YIMU YIN, *Integration in algebraically closed valued fields with sections*.
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I will describe how to construct Hrushovski-Kazhdan style motivic integration in certain expansions of $\text{ACVF}(0,0)$. Such an expansion is typically obtained by adding a full section from the RV-sort into the VF-sort and some (arbitrary) extra structure in the RV-sort. The construction of integration, that is, the inverse of the lifting map \mathbb{L} , is rather straightforward. What is a bit surprising is that the kernel of \mathbb{L} is still generated by one element, exactly as in the case of integration in $\text{ACVF}(0,0)$. The overall construction is more or less parallel to the main construction in the original paper of Hrushovski and Kazhdan.