

## Constructive approximation of germs of analytic maps into algebraic varieties

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Let  $f$  be an analytic map into an algebraic variety  $V$ . We will discuss a method for computing algebraic approximations of  $f$  into  $V$  on an open neighborhood of any fixed point in the domain of  $f$ . We will also describe a model of computation in which the approximation can be effectively performed.