
YANQI LAKE LECTURES ON ALGEBRA

/ Wen-Wei Li



$$\begin{array}{c} \hookrightarrow \operatorname{Spec}(B_{q'}) \\ \downarrow \varphi_{p'}^\# \\ \hookrightarrow \operatorname{Spec}(A_{p'}) \end{array}$$

Part 3

Commutative rings
Completions
Dimension theory



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