Some asymptotic issues for variational inequalities

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We would like to study the asymptotic behaviour in $\ell \to +\infty$ of the solution to some elliptic variational inequalities set in cylinders of the type $\ell\omega_1 \mathrm{x} \omega_2$ where ω_1, ω_2 are bounded open subsets of $\mathbf{R^p}$, $\mathbf{R^{n-p}}$ respectively.

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