

Convergence results for the optimal pairs

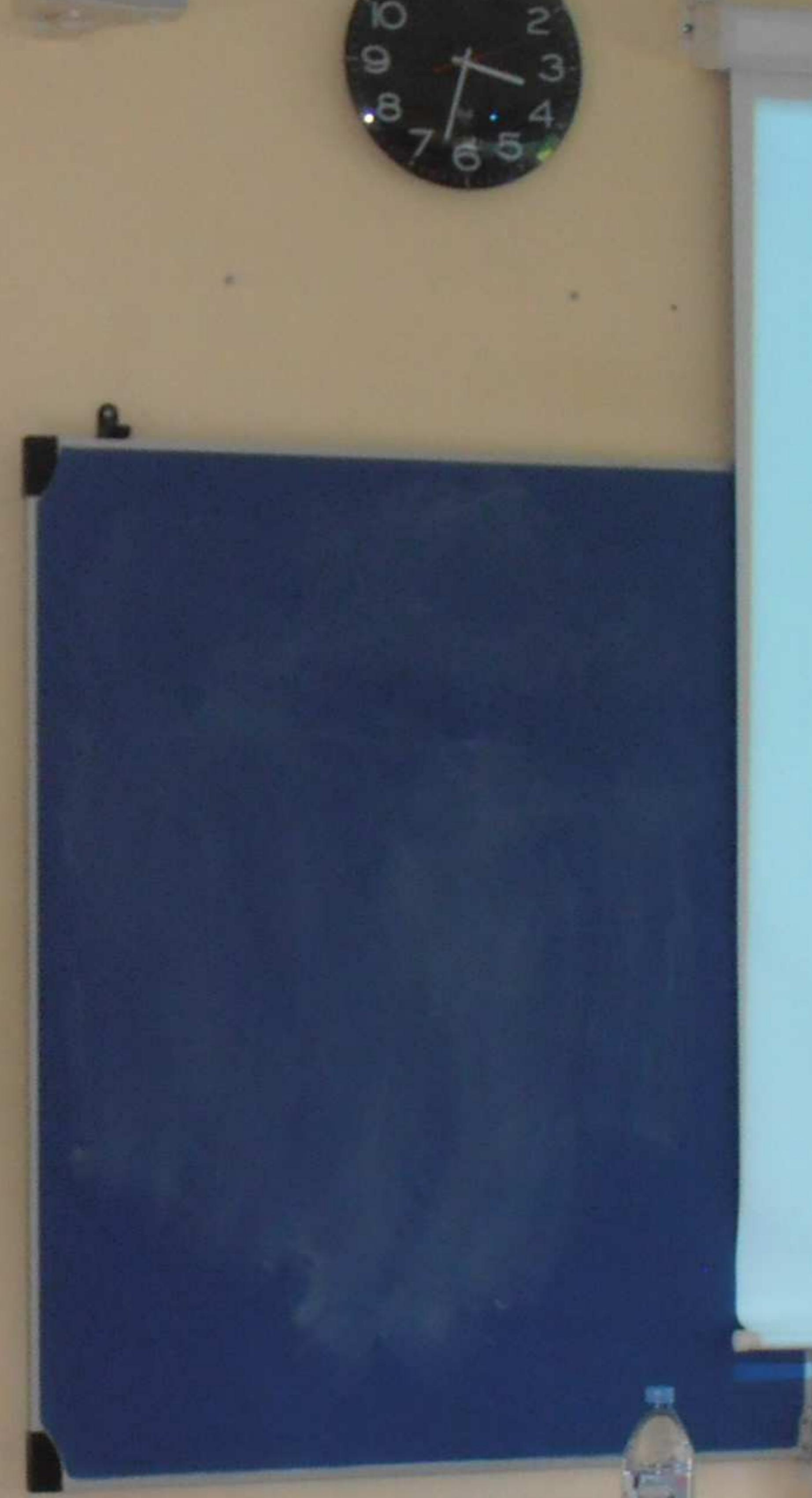
We focus on the dependence of the optimal pairs of problems Q_1 and Q_2 with respect the data g and f , respectively.

We start with the study of **Problem Q_1** and, to this end, we work on the hypothesis of Theorem 3. Let g_n be a perturbation of g , denote $K_n = g_n K$ and consider the following perturbation of **Problem P** .

Problem P_n . Given $f \in Y$ and $g_n > 0$, find $u_n \in K_{g_n}$ such that

$$\begin{aligned} & (Au_n, v - u_n) + \varphi(u_n, v) - \varphi(u_n, u_n) + j^0(u_n, v - u_n) \\ & \geq (f, \pi v - \pi u_n)_Y \quad \forall v \in K_{g_n}. \end{aligned}$$





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Une classe d'inéquations variationnelles implicites et applications à des problèmes quasistatiques de contact

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Workshop FBP 2017 - Mathematical Problems with
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