Let $\mathcal{D} = \{D_1, \dots, D_\ell\}$ be a multi-degree arrangement of smooth hypersurfaces with normal crossings on the complex projective space $\mathbb{P}^n$ and let $\Omega^1_{\mathbb{P}^n}(\log \mathcal{D})$ be the associated logarithmic bundle. When ℓ is sufficiently large, we prove a Torelli type theorem by recovering the components of $\mathcal{D}$ as unstable smooth hypersurfaces of $\Omega^1_{\mathbb{P}^n}(\log \mathcal{D})$. Then we analyze the conic case: if $\ell \in \{1, 2\}$ then we get examples of non-Torelli arrangements, if $\ell \geq 4$ of Torelli arrangements and if $\ell = 3$ the problem is still open. Finally we give a description of some line-conic cases.
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