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PHOTOIONIZATION OF NEUTRAL TI AND CR

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Large scale *ab initio* calculations for photoionization cross sections and dipole transition probabilities for Ti I and Cr I are reported. The computation were carried out in the close coupling approximation using the R-matrix method including 35 and 56 LS terms of the target ions Ti^+ and Cr^+ respectively. The results contain cross sections for all bound states with $n \leq 10$ and $l \leq 6$.