# The critical Window in Random digraphs Matthew Coulson 

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We consider the component structure of the random digraph $D(n, p)$ inside the critical window $p=n^{-1}+\lambda n^{-4 / 3}$. We show that the largest component $\mathcal{C}_{1}$ has size of order $n^{1 / 3}$ in this range. In particular we give explicit bounds on the tail probabilities of $\left|\mathcal{C}_{1}\right| n^{-1 / 3}$.

