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• Similarity between inter	Internal	External
1d range search	$(N, \log N + T)$	$(N, \log_B N + T/B)$
3-sided 2d range search	$(N, \log N + T)$	$(N, \log_B N + T/B)$
2d range search	$\left(N, \sqrt{N} + T\right)$ $\left(N \frac{\log N}{\log \log N}, \log N + T\right)$	$ \begin{pmatrix} N, \sqrt{N_B'} + T_B' \end{pmatrix} \\ \left( N \frac{\log_B N}{\log_B \log_B N}, \log_B N + T_B' \end{pmatrix} $
2d point enclosure	$(N, \log N + T)$	$(N, \log N+T/B) (N, \log_B N+T/B)? (NB^{\varepsilon}, \log_B N+T/B)$
- in general tradeoff be	etween space and que	ry I/O











































