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Pease's '96 QUals questions:

- What are commonest types of transistors and what are they used for?
- What are the desirable properties of a transistor used in digital logic?
- What are the limits of those properties as set by physics, and by technology?
- Suppose micromachining was developed so we could make electromechanical structures to 100nm, 10nm or even 1nm. Could we make a relay that would be as good, or even better, than a silicon transistor? In particular could we get a better on/off ratio for a given switching energy?