











WOP vs Induction? Same deal: easy to rephrase any Induction proof into WOP and vice-versa. So Induction & WOP are rephrasing of same logical principle. Which to use is a matter of taste. 

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Why WOP first?

Exam performance & surveys show about 20% of students don't "get" induction. They worry that assuming P(n) is circular and/or they can't do induction proofs. This baffles us and the other 80%.

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lec 3F.9

Albert R Mever



Why WOP first?

No one has problems believing the WOP, and they have no harder time using WOP than Induction. So to get going on interesting proofs right away, we start with WOP.

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