

Essays on technology adoption and the labor market

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1. Technological innovation has broad effects on our society, modifying aspects of our health, lifestyle, and careers.
2. Technology adoption is crucial to business transformations and essential to spur firms' productivity growth.
3. Adopting advanced technologies associated with automated processes may cause adverse effects on inequality (Chapters 2 and 3).
4. The decline in the employment share of middle-wage workers, also known as job polarization, is a general trend in developed economies but less prevailing in developing and emerging economies (Chapter 2).
5. Policymakers should consider the possible unintended effects of technology so that potential negative consequences are mitigated (Chapter 3).
6. Governments, educational institutions, and businesses should actively promote lifelong learning and reskilling initiatives, fostering a culture of continuous skill development to empower the workforce to navigate the dynamic landscape shaped by technological advancements (Chapter 4).
7. International trade can leverage the adoption of advanced technologies through firms' enhanced scale and complexity and access to information (Chapter 5).
8. Leveraging the power of data in economic analysis is pivotal for informed decision-making.
9. Remember that all models are wrong; the practical question is how wrong do they have to be to not be useful. - George E. P. Box
10. The fundamental cure for poverty is not money but knowledge. -Arthur Lewis