

As an expert in software engineering and ethics what are the definitions of integrity, bias and fairness based on the attached article?

I could not locate explicit definitions for integrity, bias, or fairness directly in the uploaded document through my search. However, I can summarize how these concepts are typically contextualized in AI ethics based on general principles mentioned in the document. If you're looking for a specific part of the text to extract these definitions, please let me know. Alternatively, I can offer general definitions:

1. **Integrity:** In AI ethics, integrity often refers to the adherence to moral principles, ensuring honesty and strong moral uprightness in the development and application of AI systems. It includes commitment to transparency and ethical guidelines in the decision-making processes.
2. **Bias:** Bias in AI typically involves the systematic favoritism or disadvantage of certain groups or outcomes due to flawed data, algorithmic processes, or design decisions. It highlights issues of discrimination or inequality that may arise in AI outputs.
3. **Fairness:** Fairness in AI focuses on the equitable treatment of individuals and groups by AI systems, avoiding unjustified differential outcomes. It involves ensuring that systems are designed and trained to avoid perpetuating societal inequities.

If you need detailed textual analysis, let me know, and I can refine my search within the document further.