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A general packet dropout compensation framework for optimal prior filter of networked multi-sensor systems

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Highlight

- A new compensation framework for packet dropouts is presented.
- Centralized fusion prior filters with different compensation factors are presented.
- Distributed fusion prior filters with different compensation factors are presented.
- Stability and steady-state property of the proposed CFPFs and DFPFs are analyzed.
- Comparison of the proposed and the existing compensation mechanisms is provided.

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