Computer Science > Information Theory

To Feed or Not to Feed Back

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We study the communication over Finite State Channels (FSCs), where the encoder and the

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- NASA ADS

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decoder
can
control
the
availability
or the
quality of
the
noise-
free
feedback.
Specifically,
the
instantaneous
feedback
is a
function
of an
action
taken by
the
encoder,
an
action
taken by
the
decoder,
and the
channel
output.
Encoder
and