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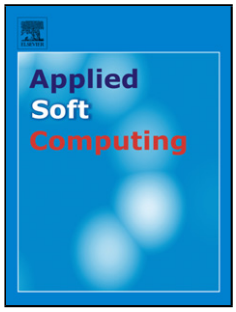

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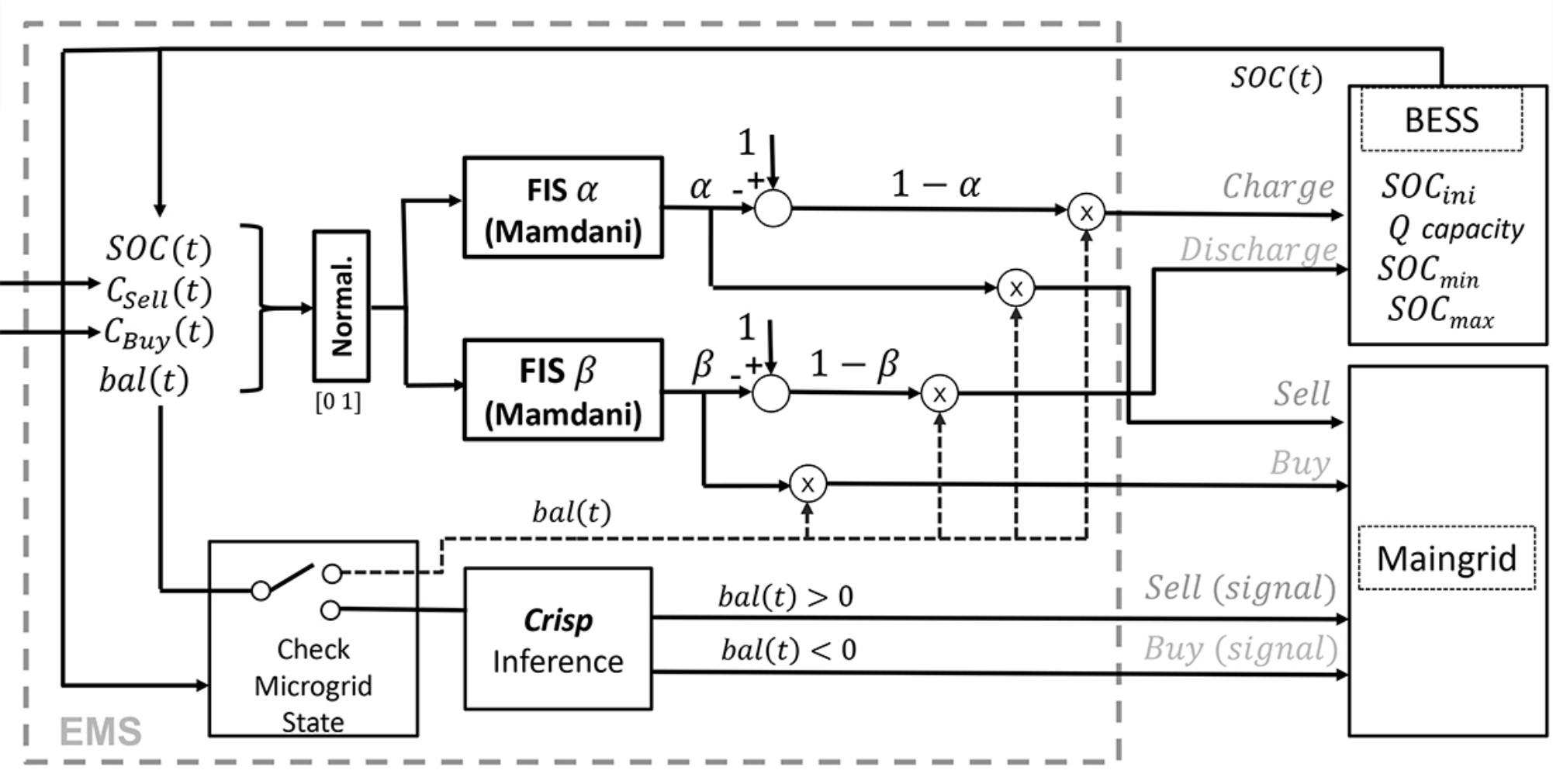
$SOC(t)$
$C_{Sell}(t)$
$C_{Buy}(t)$
$bal(t)$
Normal.
[0 1]
FIS α (Mamdani)
FIS β (Mamdani)
1
α
$1-\alpha$
β
$1-\beta$
$SOC(t)$
BESS
SOC_{ini}
Q capacity
SOC_{min}
SOC_{max}
Charge
Discharge
Sell
Buy
Maingrid
$bal(t)$
Check Microgrid State
Crisp Inference
$bal(t) > 0$
$bal(t) < 0$
Sell (signal)
Buy (signal)
EMS

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