



Correction to: CycleGAN-Based Speech Mode Transformation Model for Robust Multilingual ASR

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Correction to: Circuits Systems Signal Process <https://doi.org/10.1007/s00034-022-02008-4>

The original version of this article is missing the below unnumbered equation to be available before equation (3),

Cycle-consistency loss: Advancing just the adversarial loss would not really ensure that the contextual detail of s and $G(s)$ will be persistent. Since, the adversarial loss only explains about the variation among the generated ($G(s)$) and target domain (T) and doesn't assist in preserving the contextual detail of s . In view of this one extra term namely cycle-consistency loss is added in CycleGAN, given as

$$\mathcal{L}_{cyc}(G, F, S, T) = \mathbb{E}_{s \sim p(S)} [\|F(G(s)) - s\|_1] \\ + \mathbb{E}_{t \sim p(T)} [\|G(F(t)) - t\|_1]$$

The original article has been corrected.

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