Title (en)
VARIATIONAL AUTO ENCODER FOR MIXED DATA TYPES

Title (de)
VARIABLER AUTOMATISCHER KODIERER FÜR GEMISCHTE DATENTYPEN

Title (fr)
AUTOCODEUR VARIATIONNEL POUR DES TYPES DE DONNÉES MIXTES

Publication
EP 4147173 A1 20230315 (EN)

Application
EP 21721364 A 20210409

Priority
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Abstract (en)
[origin: WO2021225741A1] In a first stage, training each of a plurality of first variational auto encoders, VAEs, each comprising: a respective first encoder arranged to encode a respective subset of one or more features of a feature space into a respective first latent representation, and a respective first decoder arranged to decode from the respective latent representation back to a decoded version of the respective subset of the feature space, wherein different subsets comprise features of different types of data. In a second stage following the first stage, training a second VAE comprising: a second encoder arranged to encode a plurality of inputs into a second latent representation, and a second decoder arranged to decode the second latent representation into decoded versions of the first latent representations, wherein each of the plurality of inputs comprises a combination of a different respective one of feature subsets with the respective first latent representation.

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CPC (source: EP)
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See references of WO 2021225741A1

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