

Abstract Submitted
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ConnesFusionTensorProduct/Photon **Glu-**
onFusion in Mitochondria¹ FATAHILLAH HIDAJATULLAHAJJ-MAKSOED²,
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INDONESIA — As in AJ Wassermann distinguished of classical invariant theory &
quantum invariant theory subfactor, in S. Palcoux:”From Neveu-Schwarz Subfactors
& Connes Fusion” described the subfactor theory & Witt-algebra whereas Andreas
Thom’s explanation about ConnesFusionTensorProduct/CFTP related Connes fu-
sion to composition of homomorphism (i). classical tensor product O-X adds the
changes,(ii). Relative tensor product H-X preserve the changes. For photonGluon-
Fusion/PGF defined:”photon is the gauge boson of QED, the simplest of all boson”
devotes to CFT as “quantum field theory which are invariant under conformal trans-
formation & in 2D there are infinite dimensional algebra. Alain Connes states their-
selves Connes fusion as “associative tensor operation” to be in coincidences with
“their dynamic behavior driven by the balance in mitochondrial fusion & fission
(Carveney, 2007) from Peter Alexander Williams: “Retinal neuronal remodeling in
a model of Optic Atrophy”, Dec, 2011.

¹Heartfelt gratitude of the President of the Republic of INDONESIA HE. Mr.
Ir. H. JOKO WIDODO in ”spallation/knocked out since 1970” coincides with
ADS/AcceleratorDrivenSystems

²Mitochondria are essential organelles in almost eukaryotic cells serve a bioenergetic
function. Mitochondria also have a role in cell signalling/calcium signalling-Ca++

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