

NOTEBOOK VOLUME TABS

Noncommutative Chern-Simmons; Noncommutative Spacetime (02/02 – 03/05)

GRB's; Symplectic & Casual Structure for Noncommutative Cone (Light and Cone); POST STRINGS 2004 (03/03 – 08/04)

Noncommutative *Spacetime* (01/05 – 12/06)

TRIESTE Conference (02/05 – 02/06)

Noncommutative Spacetime (03/05 – 04/05)

Noncommutative Spacetime (04/05 – 08/05)

T.A.S.I. (Boulder CO w/Herman Verlinde et.al.) (06/05 – 06/05)

Noncommutative Spacetime (08/05 – 01/06)

Noncommutative Field SP. (09/06 – 10/06) (Missing)

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Noncommutative Spacetime (07/06 – 02/08)

Casimir Dark Energy (01/07 – 02/07) (Missing)

Noncommutative Spacetime—Rindler, Liouville; Gravity from Commutators;
Noncommutative Pseudo-Complex; Geometry (02/07 – 06/08)

Untitled (Continuation of Volume 12?) (06/08-1/09)

Notes on Strings **2009**

Noncommutative Spacetime (03/26/09 – 05/08/09) **(Missing)**

Emergent Gravity; Steinacker **(05/09 – 05/09)**

Gauge Gravity **(06/09 – 11/09)**

Gauge Gravity **(11/09 – 04/10)**

Gauge Gravity **(04/10 – 7/10)**

Gauge Gravity and Teleparallelism; Local Translations; Peirels Bracket; Poisson-Lie Bracket; Weyl; Tanimura; Wong Equations **(07/10-09/10)**

Gauge Theory and Paralellism, Kleinert, & Wong Equations **(09/10-02/11)**

Wong Equations for Gravitation **(11/2010)**

Gravitational Theory and Quantum Theory: Implications **(01/11-02/11)**

Mainly notes on Quantum Theory, its Interpretation, Formalism, etc. The Birkhoffian Generalization of Quantum Theory **(3/11-4/11)**

Mainly Gauge Gravity ideas, Using Chapter 6 of the Chinese Book as Launching Point **(4/11-7/11)**

Local Translations and Thermodynamics, The Thermodynamic-Mechanic Duality **(8/2011)**

Non-Generated Diffeomorphisms **(9/11-10/11)**

Diffeomorphisms (continued) **(10/11-11/11)** and A Few Thoughts on Generalized Gauge Theory, **(11/11-12/11)**

An Algebraic Gauge Approach to Gravity **(2/12 – 7/12)**

An Algebraic Gauge Approach to Gravity-Additional Notes (4/12-5/12)

Notes on the Teleparallel Equivalent of General Relativity; on Lie's Third Theorem (6/12-9/12)

Final Notebook: On Principle of Equivalence and Diffeomorphisms (9/12)