# Syllabus for Quantum Mechanics in Phase Space

Lectures 1& 2 (M): Overview Introduction [colloq.pdf]; organizational; basic history; scope & applications.

Lectures 3 & 4 (T): Ch 2-8 CTQMPS [0.8-0.14]

Lectures 5 & 6 (Th): Ch 9-14 CTQMPS [0.15-0.20]; ? Quantum Entropy [9entropy.pdf]

Lectures 7 & 8 (F): Exercises, Questions, Loose Ends; History specifics [scrapbook.pdf]

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# Public URL Links

These are links to be enjoyed by all, and may be linked publically on anyone's web-page.

The 2nd link is a perpetually updated version of the Overview used in these lectures (CTQMPS book). The first is a summary of the 1st lecture. The 3rd is a supplementary discussion of Entropy in phase space. The 4th is a historical scrapbook collection of the seminal moments of the formulation.
http://www.hep.anl.gov/czachos/colloq.pdf
http://www.hep.anl.gov/czachos/a.pdf
http://www.hep.anl.gov/czachos/9entropy.pdf
http://www.hep.anl.gov/czachos/soysoy/scrapbook.pdf
...!!! Pictures, Bios, etc.:
http://www.hep.anl.gov/czachos/APPNqmps12.pdf
http://press.anu.edu.au/maverick/html/frames.php [Anne Moyal's online bio of JEM]
http://www.hep.anl.gov/czachos/moyal.html
http://www.hep.anl.gov/czachos/groenewold.html
http://www.hep.anl.gov/czachos/weyl.html
http://www-history.mcs.st-and.ac.uk/Printonly/Wigner.html
http://www.hep.anl.gov/czachos/soy/6.1991FG.CZ.jpg