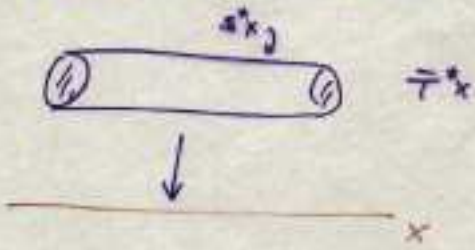
3. Pseudodifferential operators

$P: C^\infty(X;V) \longrightarrow C^\infty(X;V)$ supposed

$\Psi^{-\infty}(X) \hookrightarrow \Psi^0(X) \longrightarrow A^0(X)$ (bad)

$\Psi^0(X) \longrightarrow A^2(X)$

$A^0(X) = C^\infty(S^*X)[[\rho]]$ pour nous

$\Psi^0(X)$ is almost a non-commutative product on $\overline{T}^*X$ - ball bundle

$A^2(X) = C^\infty(S^*X)[[\rho, \rho^{-1}]]$ Laurent series