10/25/2016, D. Treumann, Stokes stroteres (cont'd from last time)
Last thme:
(E, 7) redor bundle of connection on IP' - 30, 203.
regular at 10 Promiter 1 m
(by looking at forms of the state of the st
structure now 1) formal disc around so.
some.
Have Levelt care in bog bounday" II Sta
formal disc S1 \\ \(\text{D*} \) "log buday" \\ \(\kai \) .
Deligne defines another a partial ordering on the fiber of 70:
Given QEST Pales QEST 200152
$O' < O$ if $\exp(P_{i}(\kappa^{4/kb};O_{i}))$
$\frac{1}{\exp\left(P_{a}(r^{2}/k_{a} iO_{a})\right)} \rightarrow 0$
where r is the radial coordinate near so on P' 150 mi
P' 190,50]
(EV) 0 = flat sections of E defined in a sector around O.

Deligne defined a filtration of
$$(E^{\nabla})_{\Theta}$$
 if $O_{Q} \mapsto O_{Q}$ as should this be reio? for rother, $|s(e^{i\Theta})|^{2}$ then $F_{ZO_{Q}}(E^{\nabla})_{\Theta}:=$ $\begin{cases} S \mid \frac{||S(r^{2}/ka_{Q}|^{2})||}{|exp(P_{Q}(r^{2}/ka_{Q}|^{2}))|} = O(r^{U}) \end{cases}$ for some N $\begin{cases} F_{X}(e^{i\Theta})_{Q} \mid F_{X}(e^{i\Theta})_{Q}$

Example: exp (12 + c3/2) obeys a 6th order ODE (which is quite complicated; coaffe.

one rational -/ large muscles of denominators)

(Solutions all rue ca ?)

Here's an image of the "log boundary":

$$\frac{11}{a}S_{a}^{2} = S_{a}^{2}$$

$$\frac{1}{3}$$

$$\frac{1}{3}$$

$$\frac{1}{3}$$

$$\frac{1}{4}$$

$$\frac{1}{3}$$

$$\frac{1}{4}$$

$$\frac{$$

(formally, this is irreducible;)

& family plithing does not imply actual splithing.