

St. Paul's University  
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$$S(z) = \sum_{n=0}^{\infty} z^{-n} |z|^{-1} \frac{z^{-n}}{z^n}$$

$$S_k(m) = \frac{1}{2\pi} \int_{-\pi}^{\pi} \log |z|^{-1} dz$$

at

F ending  
G in start

- g)  $\mathcal{D}_{F|G}(s) = \text{And. - Cont. of } F$   
 b)  $\mathcal{D}_{F|F}(s) \neq \text{And. of } F \in \text{Cont. of } S \text{ map.}$

- 1)  $\mathcal{D}_{F|F}(s) = * \text{Andrinnac zed. h.}$   
 2)  $\mathcal{D}_{F|G}^{\text{norm.}}(s)$  - condit., Andrinnac zed. h.  
 $\mathcal{D}_{F|F}(s)$  has exactly two poles

$$F = G \in S \text{ map}$$

$$\mathcal{D}_{F|G}(s) = \sum_{n=0}^{\infty} \frac{1}{18} < \varphi_m, \varphi_m > \in \int_{\text{comp}} (S(z)) dz$$

$$G = \sum \varphi_n(\dots)$$

$$F = \sum_{n=0}^{\infty} \varphi_n(r, z) e^{2\pi i n t}$$

$\in S_k(r_2)$