??
D_1, D_2
?
e
é
ź
$D_1, D_2, D_1\cap$
D_2
$D_1\cup$
D_2
C^2
?
?
?
é
?
n
C^n
$n \geq$
2
n
C^n
$G =$
$E_6, 7, 8$
F_4
G_2
sl_3
$G =$
$E_6, 7, 8$
F_4
G_2
sl_3
G
Z
F
$K_m :=$
$Ker(G(O_F)G(O_F/p_{m,F}))$
F
F
$\mathcal{H}(G(F), K_m)$
$\mathcal{H}(G(F), K_m)$
K_m
F
K_m
m
$G(F)$
p
Č
n
d
$d >$
1
r_n
k
$k \geq$
1
k
$(k+$
1)
$(k-$
1)
Č
$n \to$
∞
Č
k
k
$\log n$
$\log\log n$
Č
$k =$
1
r_n
k
$k \leq$
d
L^p
$M^l_{H^n}$
$A_r f$
L^p
A_r
$A_r f \tau_y A_r f,$
$\tau_y f(x) =$
$f(xy1)$
C^2
$\mathcal{W}$
$D^2\cap$
$\mathcal{W}$
canon-
i-
cal
model
triples
1
2
G
3
G
3
2
3

D
P^n
$\mathcal{G}$
D
P^n
$\mathcal{H}$
P^n
$f \in$
$\mathcal{F}$
$g_f \in$
$\mathcal{G}$
$\{H_{1,\,f}, \ldots,\, H_{2n+1,\,f}\} \subset$
$\mathcal{H}$
(a)
$f(D) \not\subset$
$H_{k,\,f}$
$k =$
$1, \ldots,\, 2n+$
1
(b)
$\inf\{D(H_{1,\,f}, \ldots, H_{2n+1,\,f}) :$
$f \in$
$\mathcal{F}\} >$
0
(c)
$\mathsf{supp}\, \nu(f, H_{k,\,f}) \subseteq$
$g_f^{-1}(H_{k,\,f})$
$k =$
$1, \ldots,\, 2n+$
1
$\mathcal{G}$
$\mathcal{H}$
$\mathcal{G}$
$\mathcal{F}$
$\mathsf{supp}\, \nu(f, H_{k,\,f})$
$f^{-1}(H_{k,\,f}); g^{-1}(H_{k,\,f})"respectively.1.G.Datt, Meromorphically normal families in several variables, submitted for publica$
$-Carathéodory theorem", arXiv : 1812.0581)$
R_I
R_I
$\mathcal{B}_1(\Omega)$

$$T = (T_1, \ldots, T_n)\mathcal{H}TT_T(\mathcal{H})\mathbf{?}n \geq 2\mathcal{Q}_i i = 1, \ldots, nC\mathcal{Q}_i^{\perp} i = 1, \ldots, nM_z = (M_{z_1}, \ldots, M_{z_n})(\mathcal{Q}_1 \otimes \cdots \otimes \mathcal{Q}_n)^{\perp}C^n$$

Multiplicities, invariant subspaces and an additive formula