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St e Torons re son je js ng in ser e n pro ess s r to e reporte pre ous t e require po ers ret p_w is e reporte pre ous $(\geq \)$ b t st t in to e t ess ert or jn ope s pes (~) T ere re se o t et in or ser po er nee e to n je t e T s t in o ser s je to t en e ent o t e pt reor ent t on o n(r) en b e b i erene op ng s r to t in e ope DCs Ho e er t er Torons o not re pper ter trim ng n n ontr st to t ennes gener te j e g t [F gs () ?()] be jse je to t e o sorpton n r re be oes not epost erene

To get ns g to nto t entern striture q. Torons e estie n(r) n ter n ert ross se tons s r to t comes s on n F gs () n (*) T entritures gen er te n r re ser g tore t eregi r trp et ste Torons T s o pose q oope que et st n er (_e oop q t st es pe s n ton) n o p n ng __ereb _ * j pont eets * qui * t en st [F g ()] Ho e er t e Torons n j e t eopt eposton q j erene so possess ng t e oope oue et st n er __e pont eets (* oojj s) o te tt ene substrites nt en e q t ene erene epost n w * * ere erre to s T s w t n rigt en r

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FG (Co or on ne) FC $_{a}$ gng n n(r) q Torons [() n (9)] Con o $_{a}$ ges nt enter n ert p nes q t gT_{s} () re on structe n(r) q t gT_{s} nt enter ross set on orresponng to t gT_{s} () res

e jerene epost o ton q ton e ts For ert n jerene eposts e je so obser e integer sur e s n ton rings rep ng togood s on one (T i) or ot es (T i) q togoron struture sonn n F g (e) se is togeg r Torons q T in T t pes ing s r e e toops but n tog C but is r togt t sur es

The tern she q. Torons s oprove to p (Fg4), T s the surface on boots s rethe source of the surface on boots s rethe source of the surface of the s



FG ? (Co or on ne) D ser n e p tterns q T s n T s [() ()] An rr q T s n e ten i n ton ten ? S n e es gne () to j re ppe r or not tertiring q () [()]) ot ge ontro e p ttern ont ng T s n e es gne () to j re ppe r or not tertiring q () [()]] ot ge ontro e p ttern ont ng T s n e es gne () to j () re ppe r n ton n T s n e es gne () to j () re ppe r n ton n T s n e es gne () to j () () () T n T s n e es gne () to j () () T n T s n e es gne () to j () () T n T s n e es gne () to j () () T n T s n e es gne () to j () () T n T s n e est e es gne () to j () () T n t s n e est to e es gne te es gne () () T n t s n e t - n (r g the no et t e e post q erene on term e n [() n ()] oes not re ppe r () ter pp to n n () timng qr