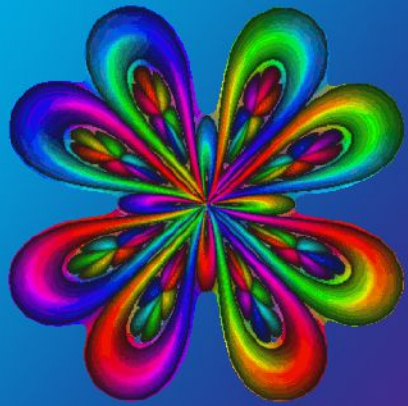


RIPE Atlas

<https://atlas.ripe.net/>

(Ein Vortrag von Unicorn)

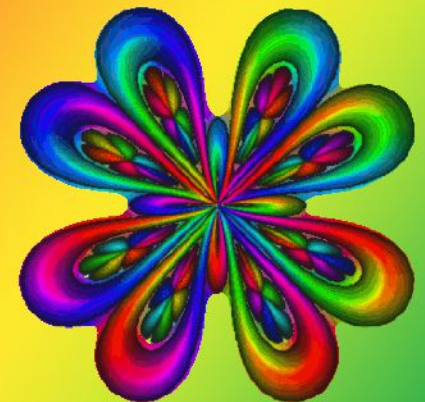


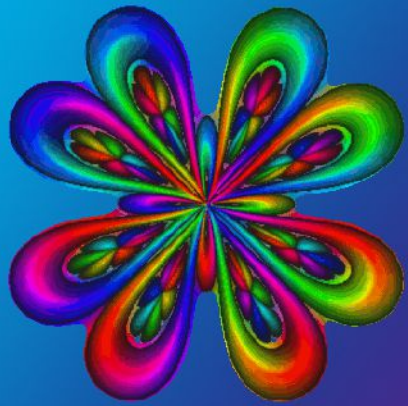


RIPN

Full HD
1080

- 1 von 5 Regional Internet Registries
- Vergibt IP-Adressbereiche und AS-Nummern
- Betreibt den DNS K-Root-Server
- Sitz: Amsterdam
- Geschäftsmodell: Non-Profit

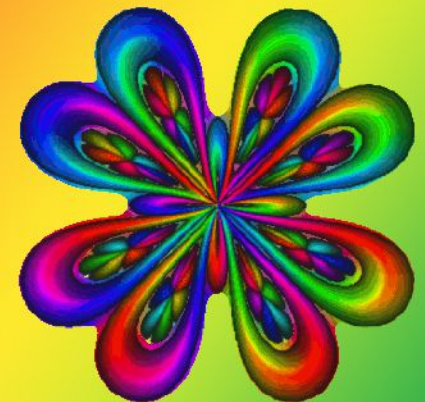


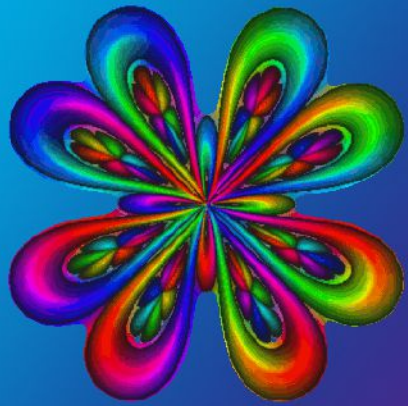


RIFE Atlas

Full HD
1080

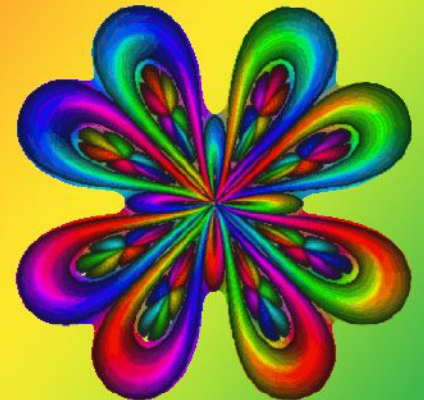
- Idee: Dezentrale Messungen des Internets ermöglichen
 - UDM = User defined measurements
- Low-Cost Hardware
- Small Footprint (Größe, Strom)
- Fire & Forget

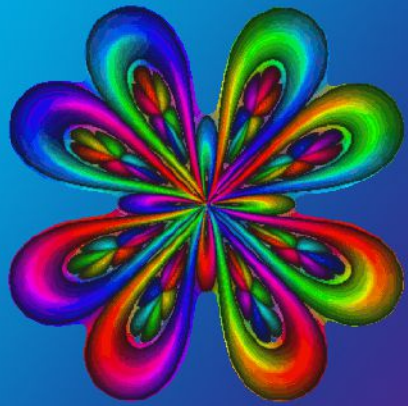




Hardware

- Lantronix XportPro
- 8MB RAM / 16MB Flash
- μ CLinux
- Remote Updates
- CLOSED SOURCE
- „Hardwired Keys / C&C Server“
- „Designed with Security in Mind“





Design-Entscheidungen

- Software Probe?

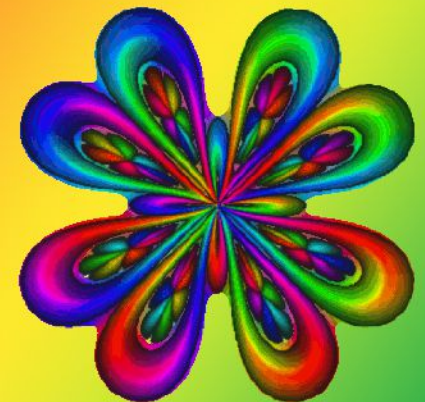
 - Abhängig von Hostsystem

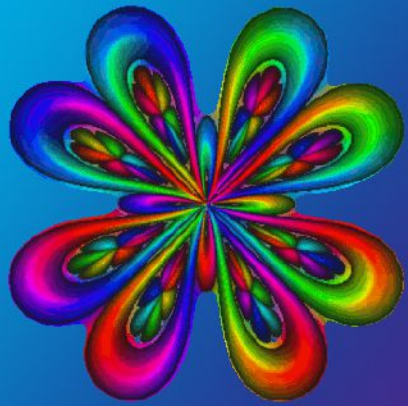
- Sicherheit?

 - Wenig Power, keine offenen Ports, initialisiert alle Verbindungen selbst

- „Black Box“

 - Zuverlässige und einheitliche Messungen, kein „Bastlerschwund“, keine kommerzielle Konkurrenz

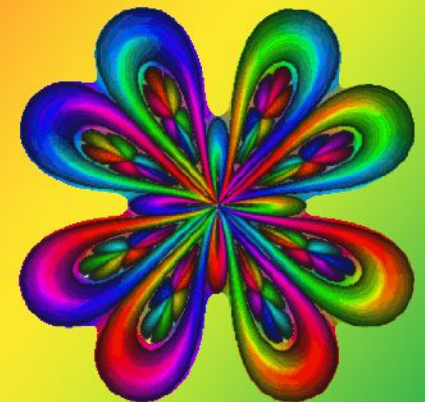




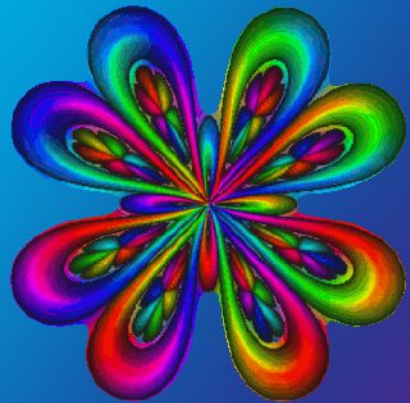
Sonstiges

- Preis: nada (Sponsoring)
- Strom: 500mA max bei 5V (USB powered)
- Bandbreite: Ferz („few Kilobits“)
- Aluhut!!!!einself!: braucht man
- Ansonsten: RTFM (lohnt sich!)

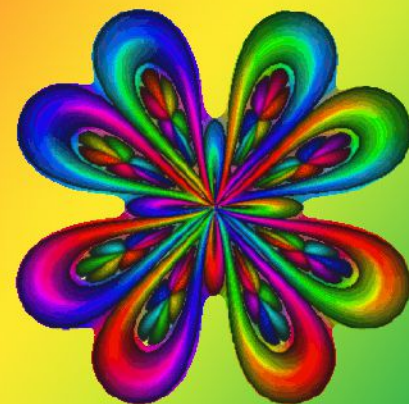
<https://atlas.ripe.net/faq>



Full HD
1080



DEMO79ME



Ende.