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Administration – Finance - Marketing & Business Management
Booklets

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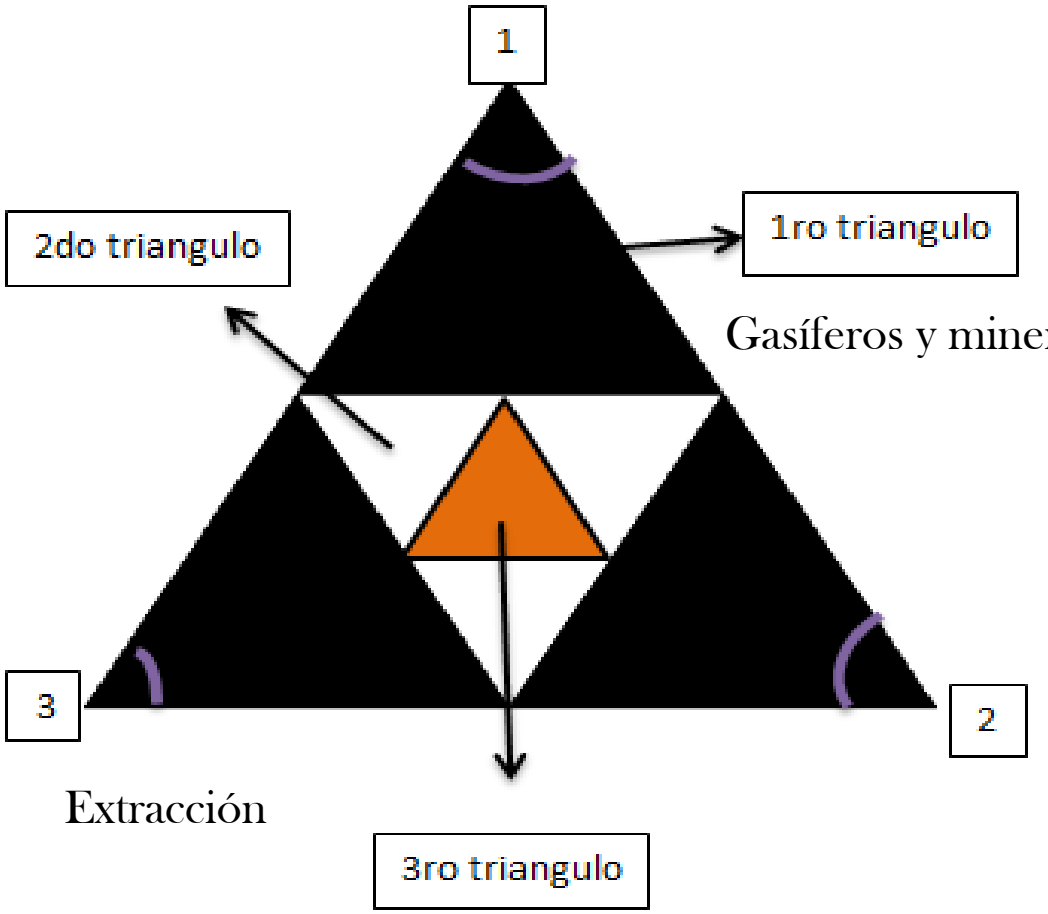
Rango re-escalonado

Exportación de sus recursos naturales



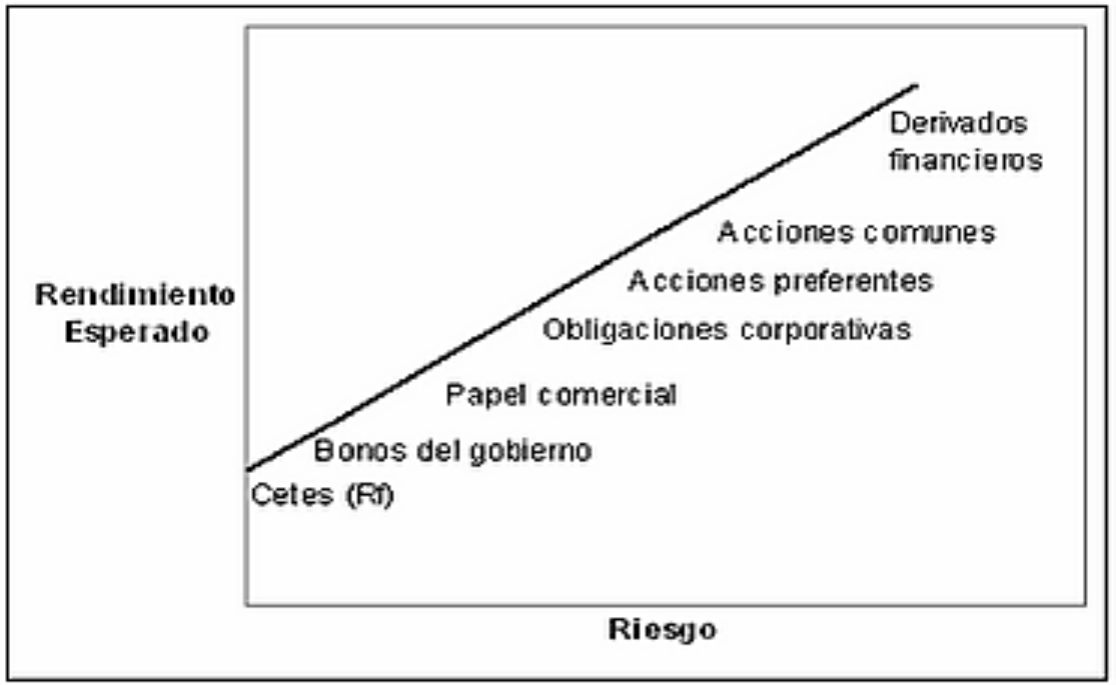
Gasíferos y mineros

Extracción

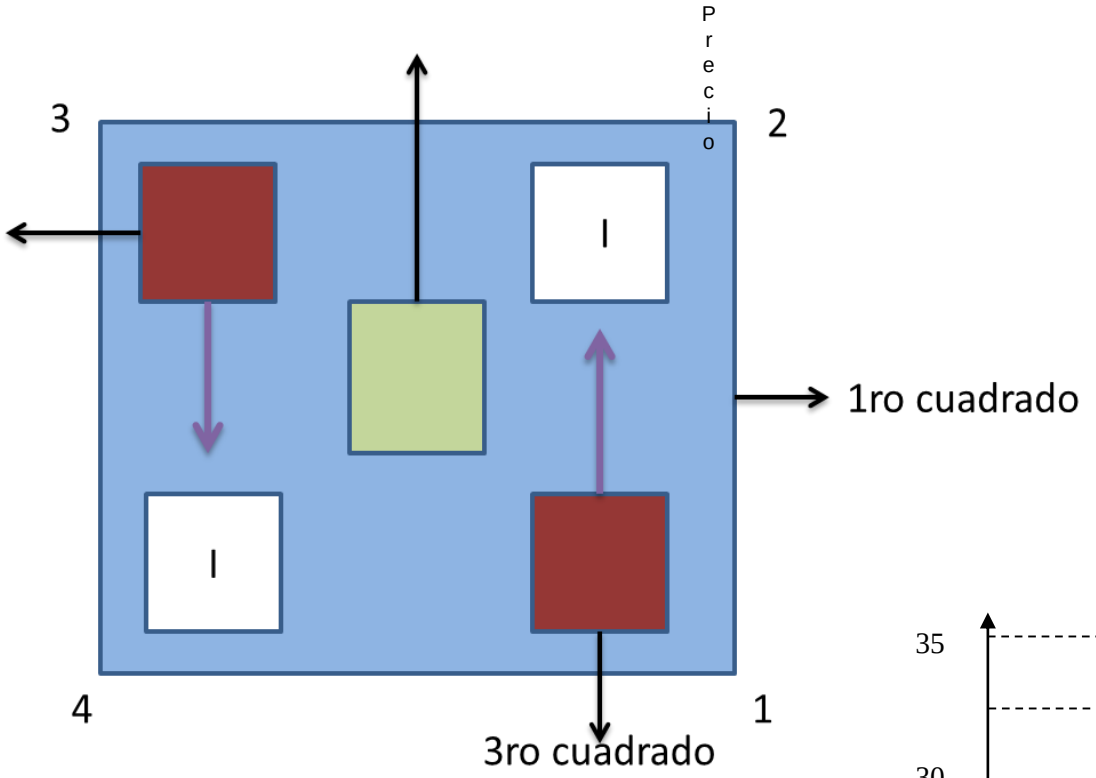
$$Rr = (F)\int_3^7 \frac{d}{d'''}$$

Parte real (R) =3

Parte imaginario (I) =7



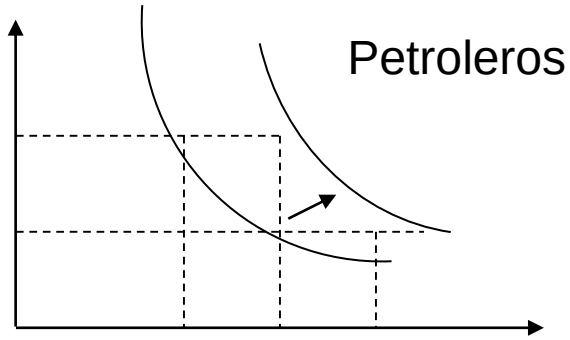
Recursos económicos

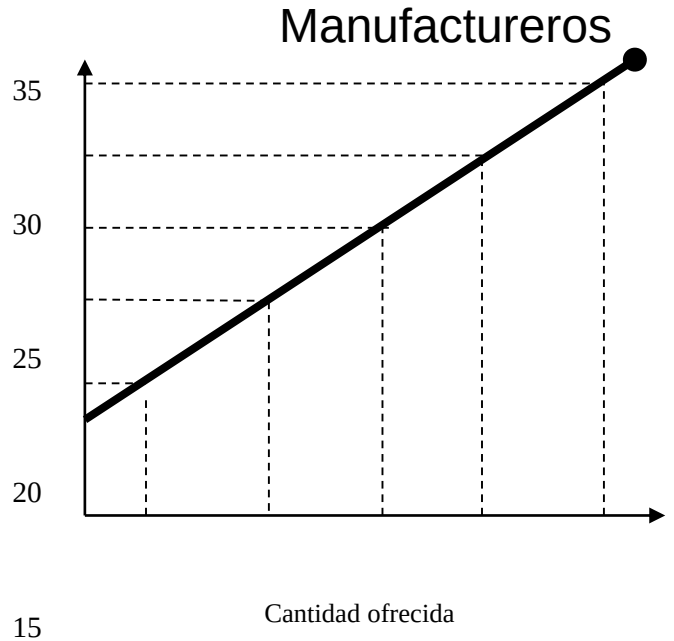


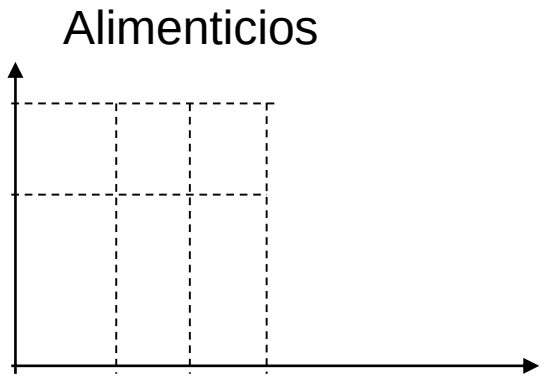
$$Rr = (F)\int_4^5 \frac{d}{d^{IV}}$$

Real = 4

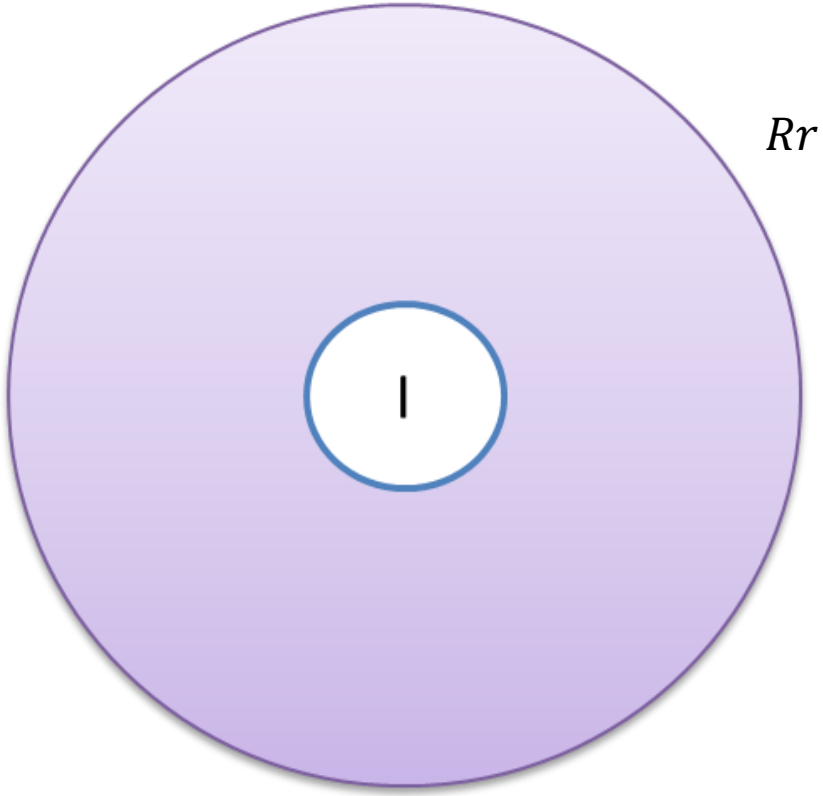
Imag = 5







Plantas



Sin aristas

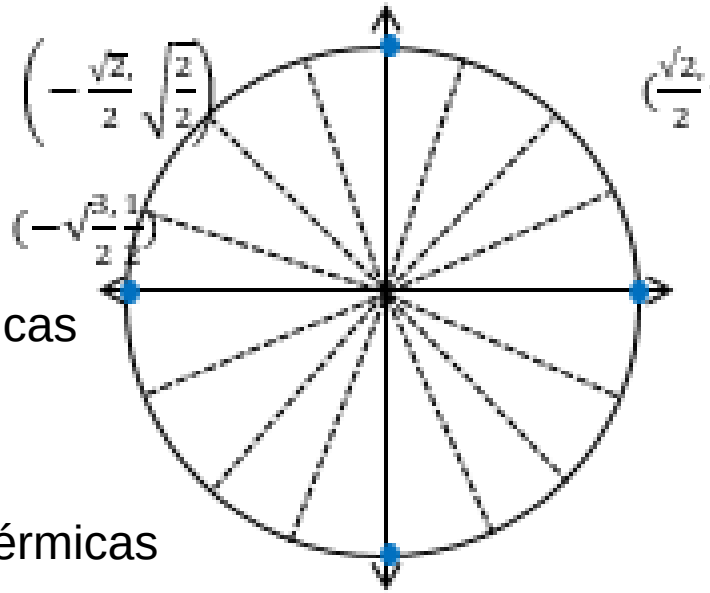
$$Rr = (F)\int \frac{d}{d}$$

Real = 1

Imag = 1

Termoeléctricas

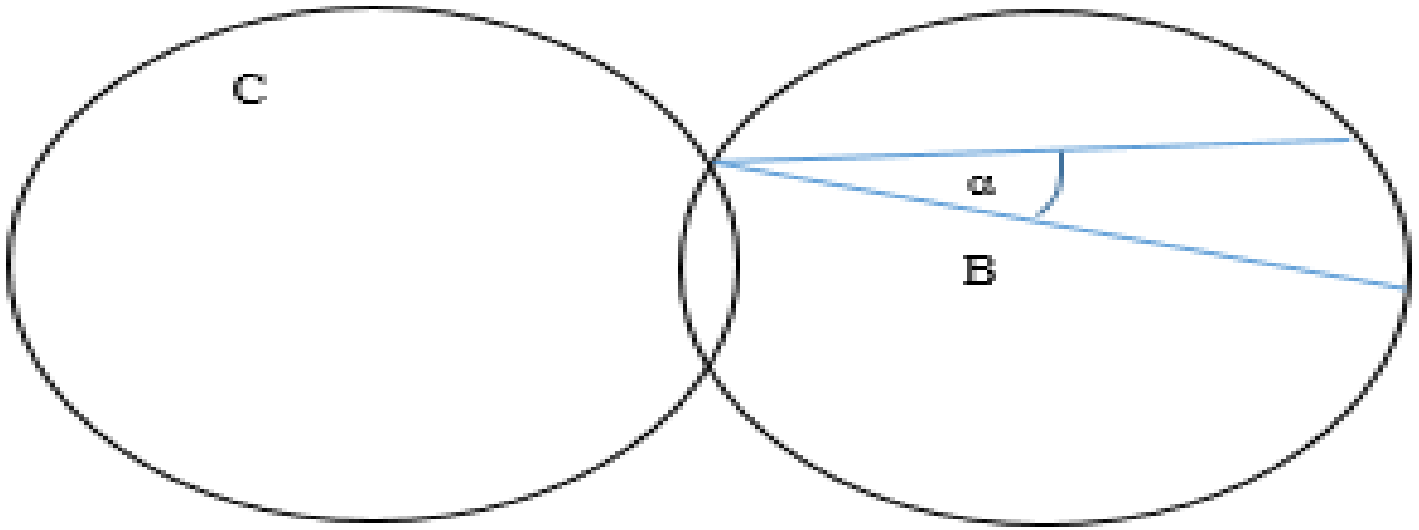
Fotovoltaicas



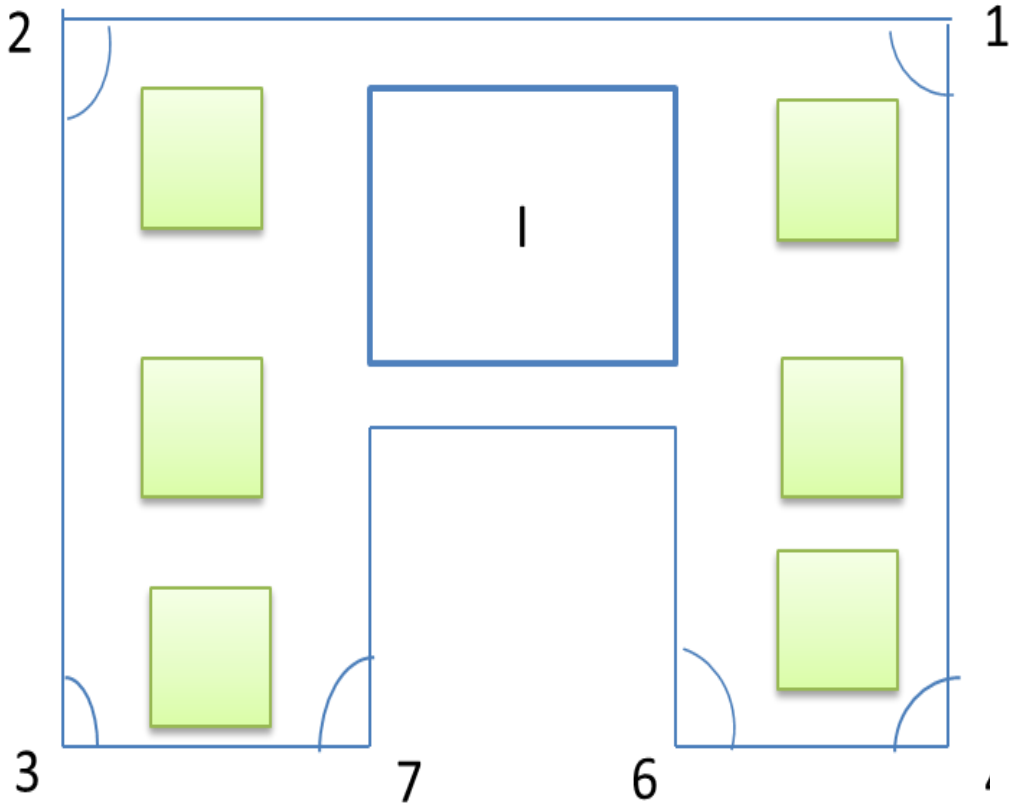
Hidroeléctricas

Eólicas

Geotérmicas



Desastres naturales internos



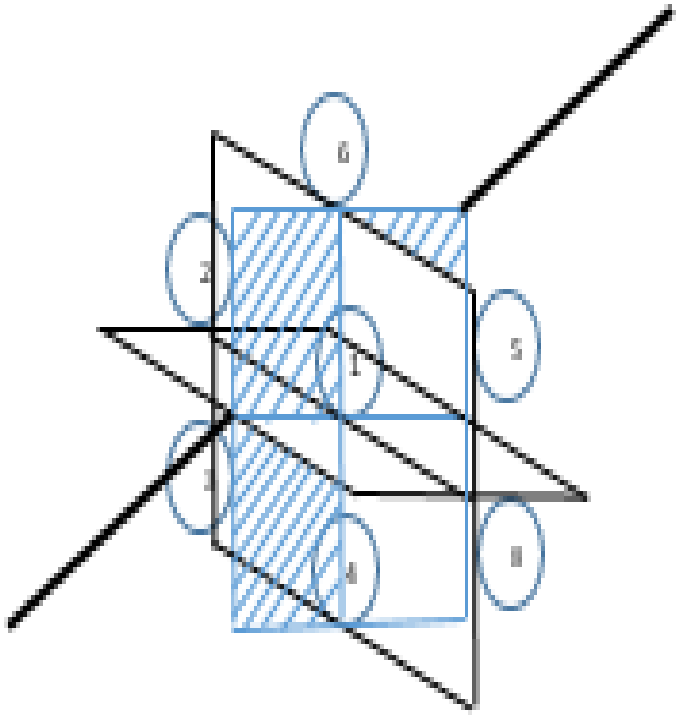
$$Rr = (F)\int_6^7 \frac{d}{d^{VI}}$$

Real = 6
Imagi =7

Los vacíos valen 1/2

Inundaciones

$$\nabla_D^2 = \frac{\partial^2}{\partial x^2} + \frac{\alpha_1 - 1}{x}\frac{\partial}{\partial x} + \frac{\partial^2}{\partial y^2} + \frac{\alpha_1 - 1}{y}\frac{\partial}{\partial y} + \frac{\partial^2}{\partial z^2} + \frac{\alpha_{3-1}}{z}\frac{\partial}{\partial z}$$

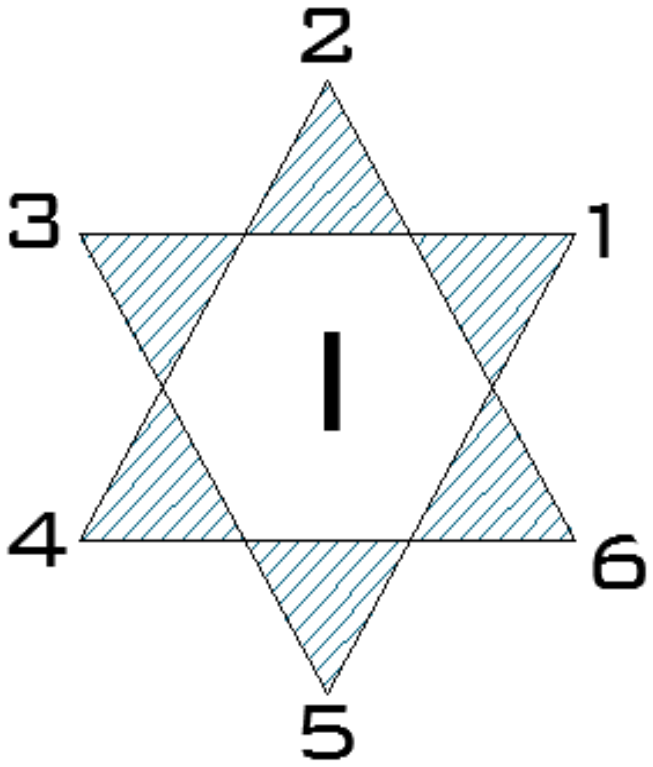


Sequías

$$\nabla^2 U(\rho) = \frac{1}{\rho}\frac{\partial}{\partial \rho}\left(\rho\frac{\partial U}{\partial \rho}\right) = \left(\frac{\partial^2}{\partial \rho^2} + \frac{1}{\rho}\frac{\partial}{\partial \rho}\right)U(\rho)$$

Estaño

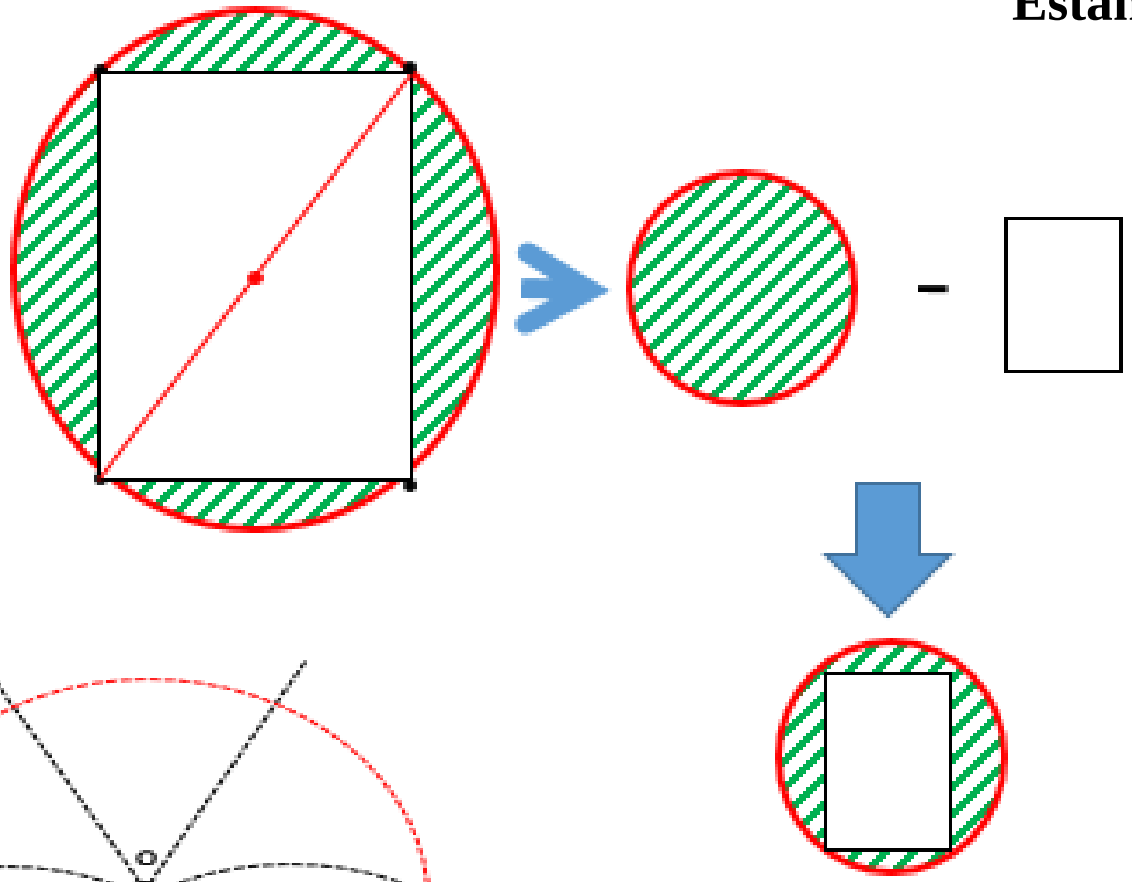
Fractal Caótico, tiene una parte imaginaria.

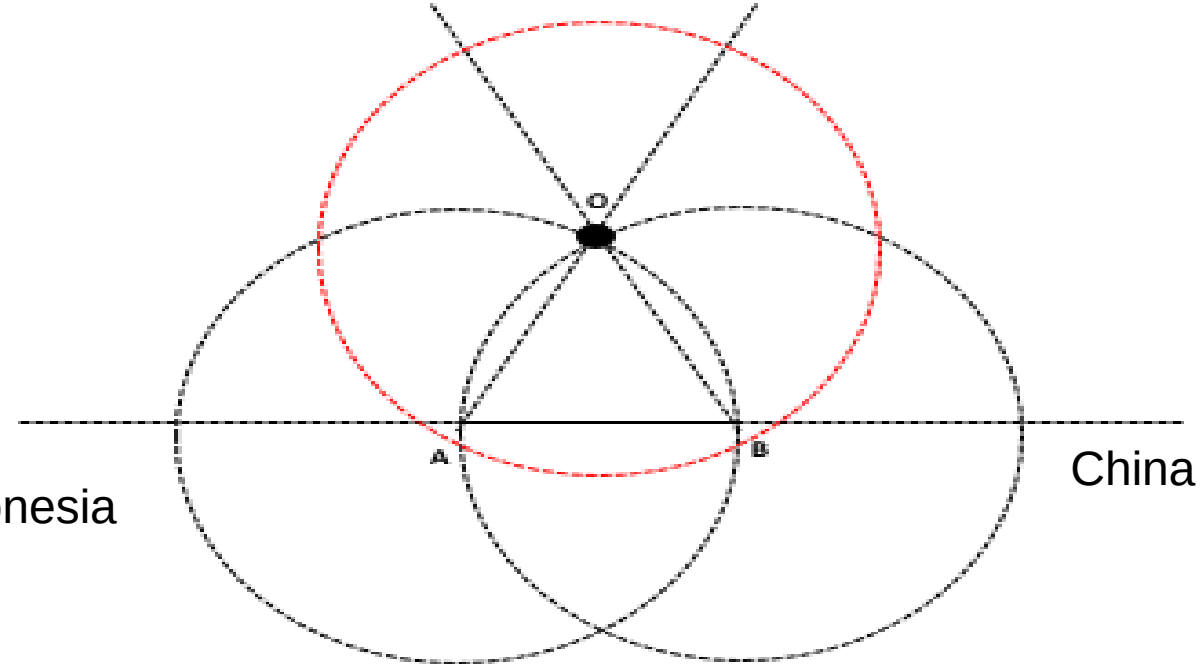


I = 1

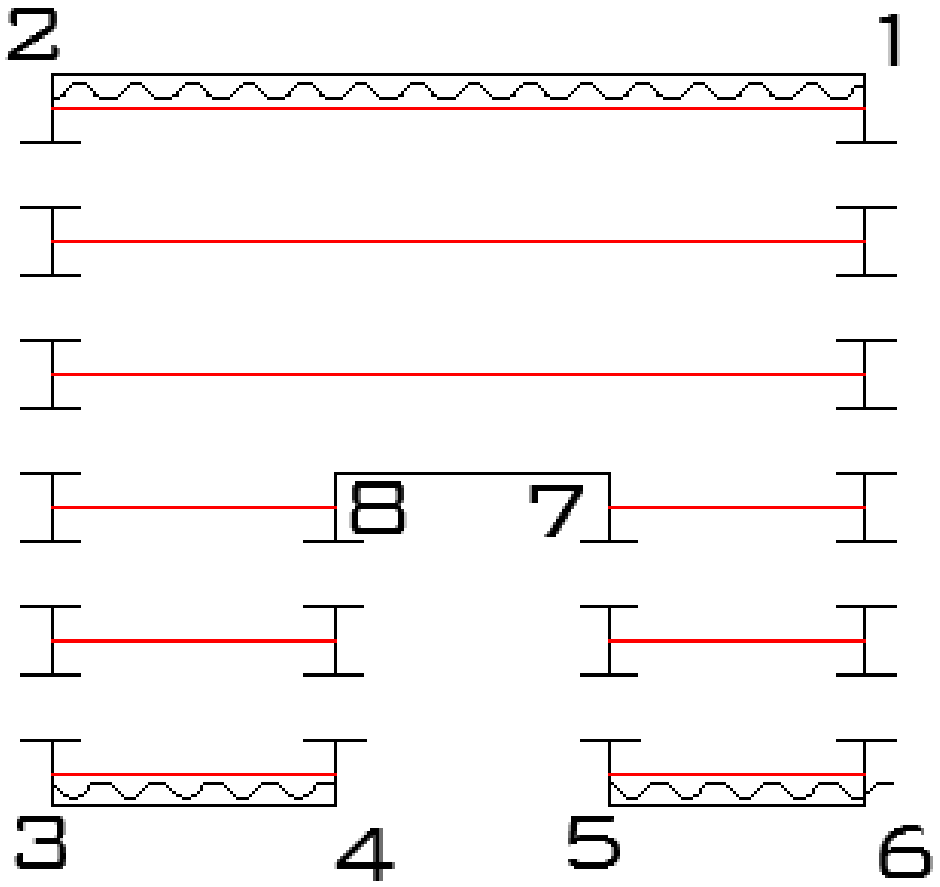
R = 6

$$Rr = (f)\int_{1}^{6} \frac{d}{d}$$





Fractal Complejo, tiene una parte imaginaria con interacción.



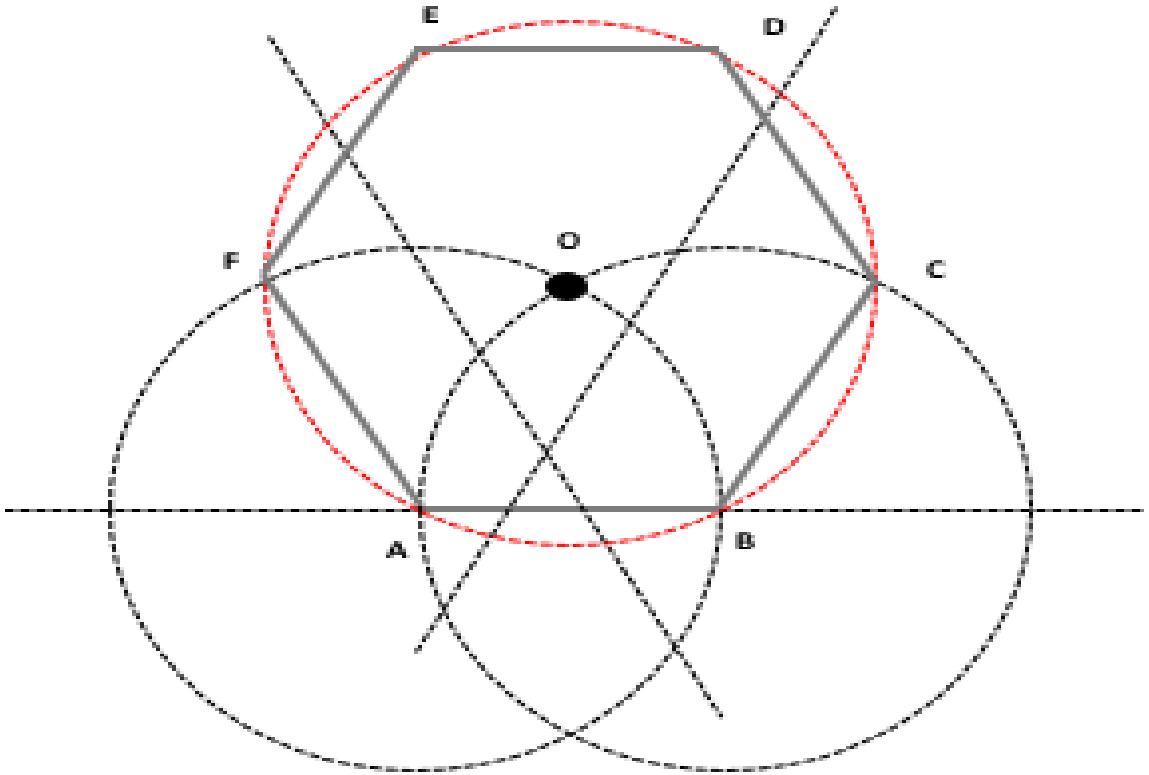
R = 8

I = 3

* Imaginaria son todas las líneas no rotas

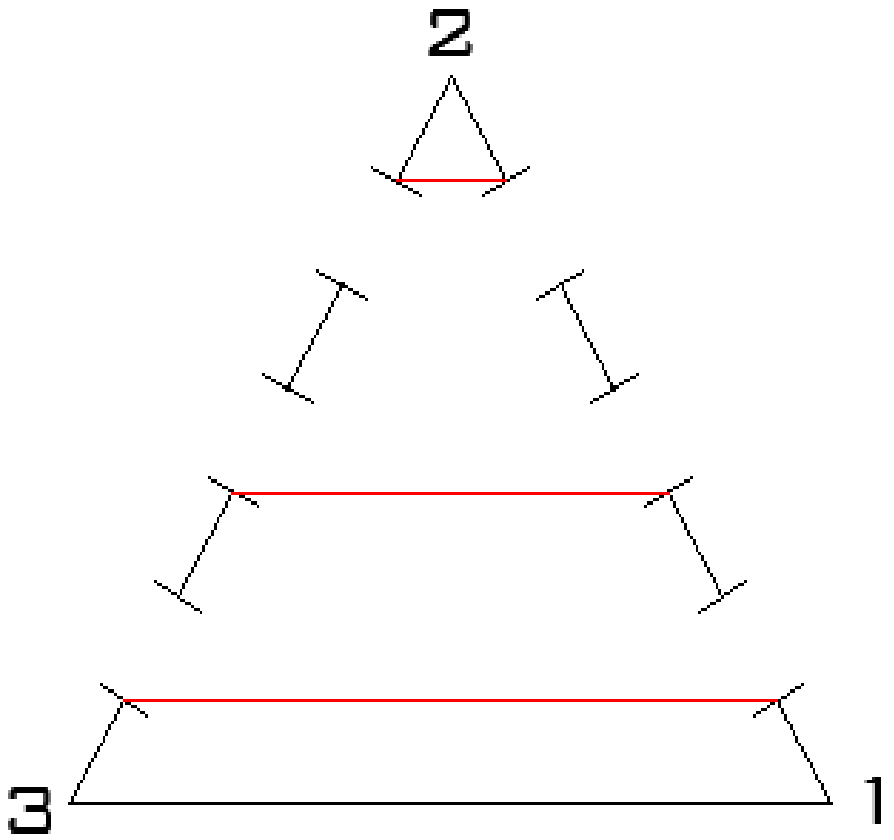
* Es fractal

$$Rr = (f)\int_{3}^{8} \frac{d}{d''}$$



Optimización de productos agropecuarios

Soya



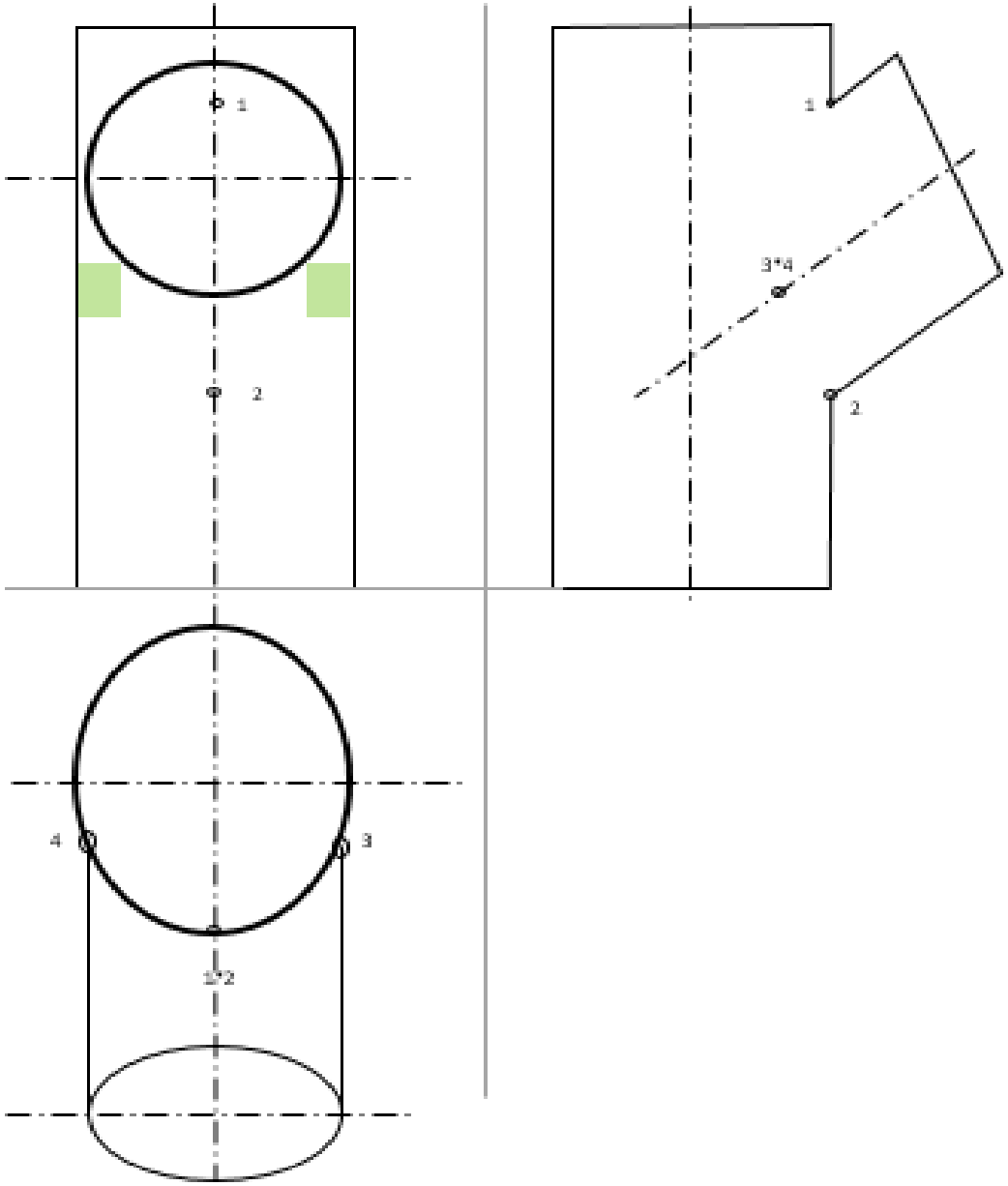
Azúcar y Arroz

R = 3

I = 2

$$Rr = (f)\int_2^3 \frac{d}{d''}$$

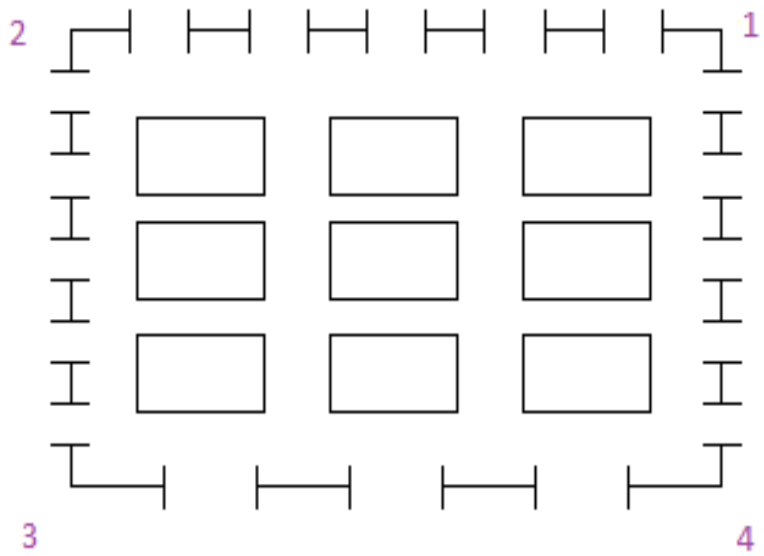
Ganadería



Fractal Recursivo. Todo es real y todo está roto.

Exportaciones

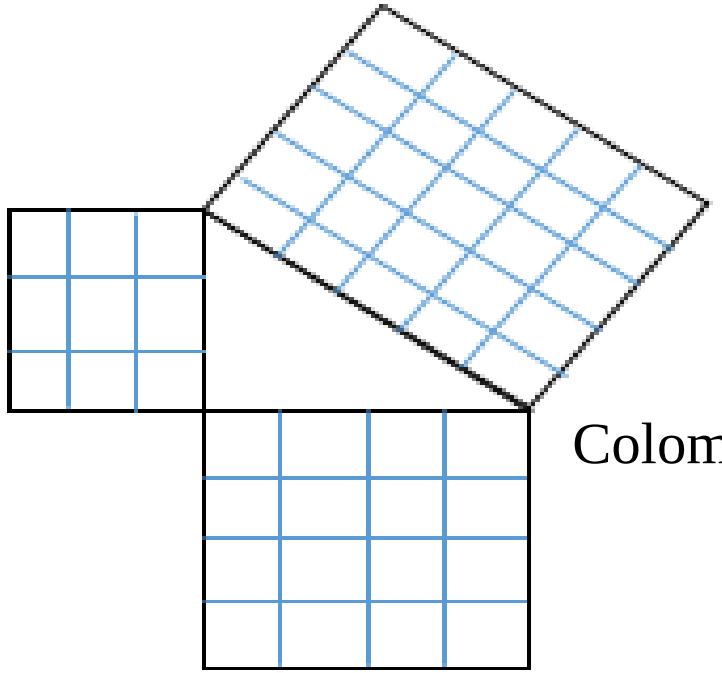
Perú 4,1 %



Brasil 29,8 %

R = 4

I = a priori

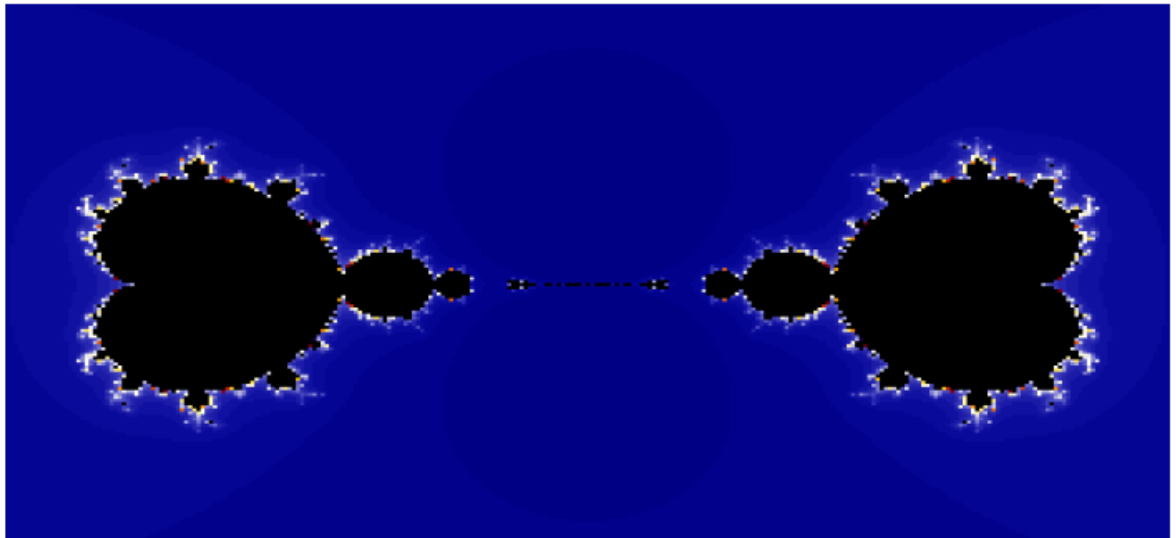


Colombia 5,3 %

Argentina 19,7 %

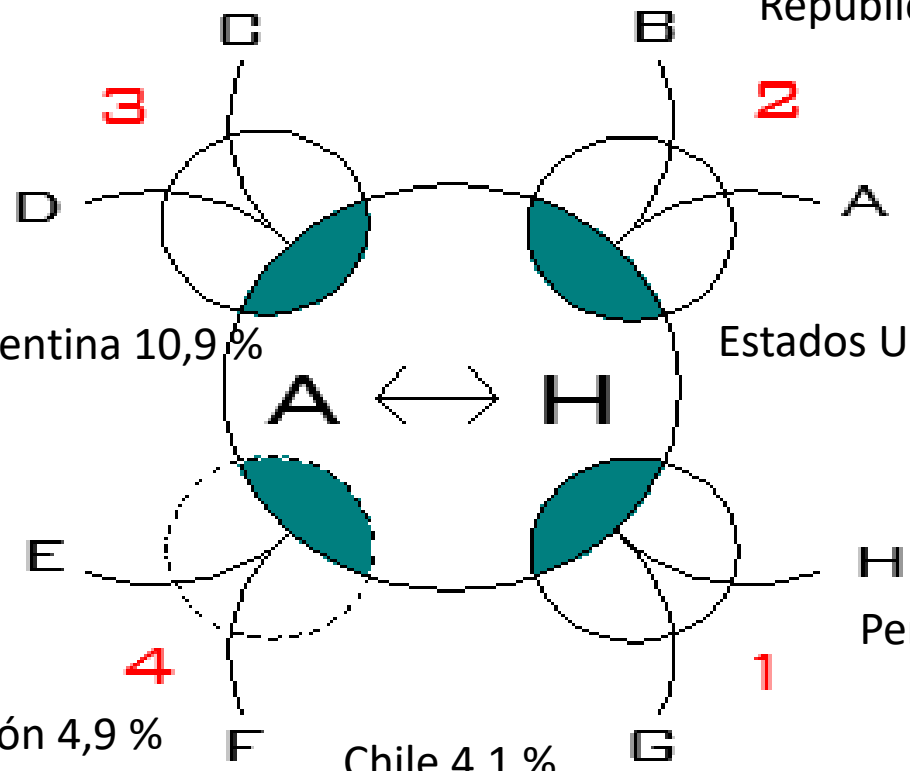
Estados Unidos 15,6 %

$$Rr = \int^{4} \frac{d}{d}$$



Importaciones

Brasil 15,8 %



República Popular China 17,2 %

Argentina 10,9 %

Estados Unidos 11,7 %

Perú 6,2 %

Japón 4,9 %

Chile 4,1 %

*Axioma.- Cuerpo que sale dentro de una figura o zona.

*Al momento de construir la ecuación se invierten los datos en la integral, el límite superior va el número imaginario y el límite Inferior va el número real. Se debe a la teoría del espejo.

R=4

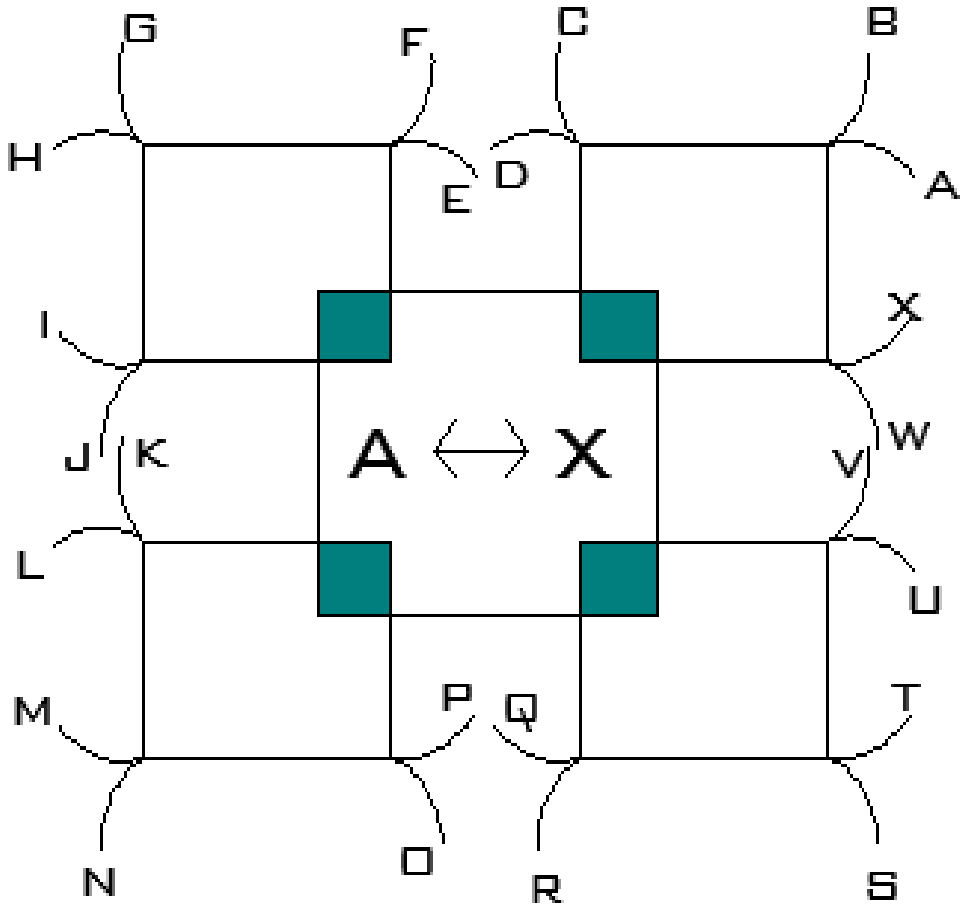
I=8

$$Rr = (f)\int_{4}^{8} \frac{d}{d^{1/2}}$$

Sectores Económicos

Fractal recursivo de orden 24

Sector primario: 13,5 %



Sector secundario: 38,6 %

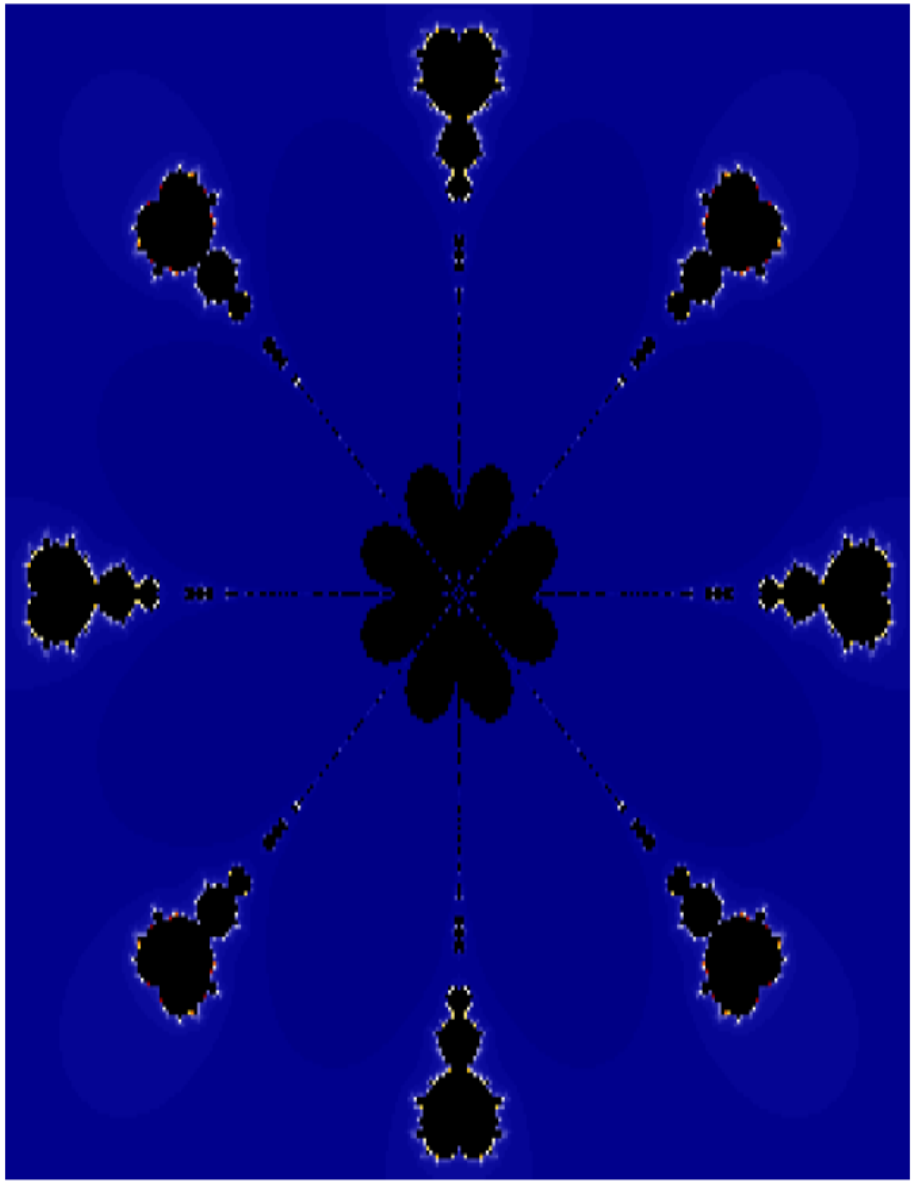
*Tiene dos aristas

I=24

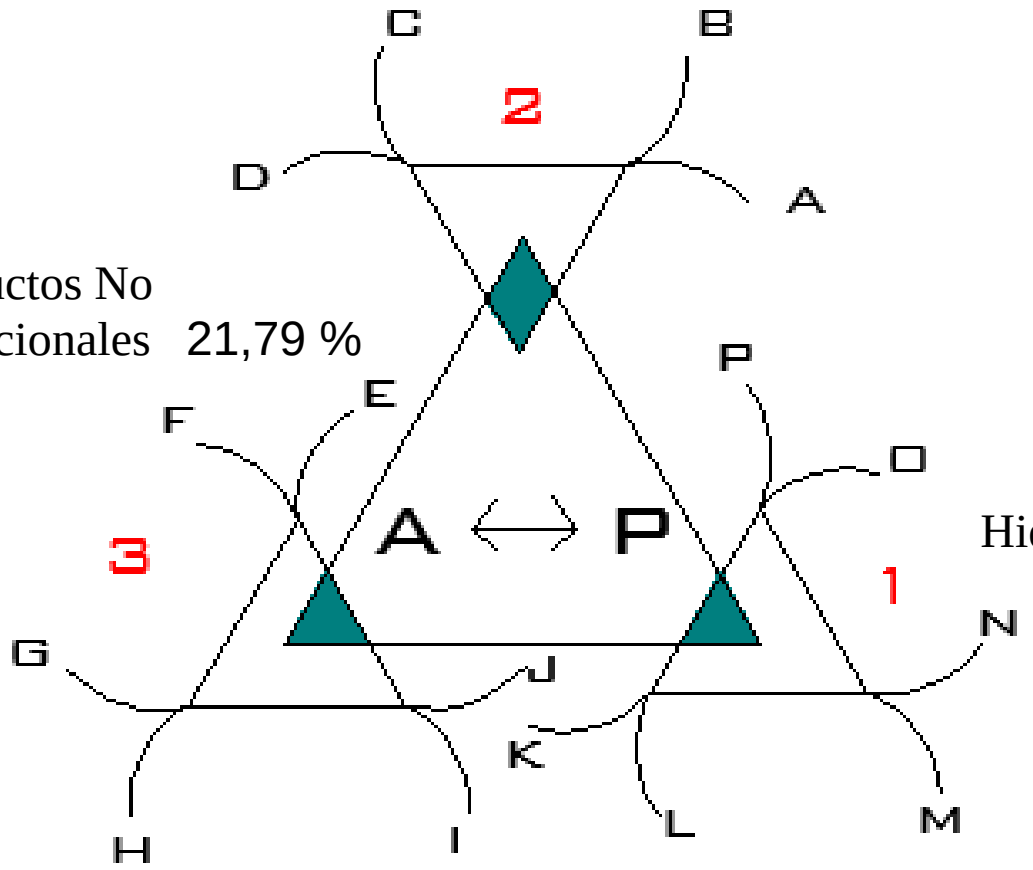
R=4

Sector terciario: 53,2 %

$$Rr = (f) \int_4^{24} \frac{d}{d^{1/2}}$$



Minerales 34,31 %



I = 16

R = 3

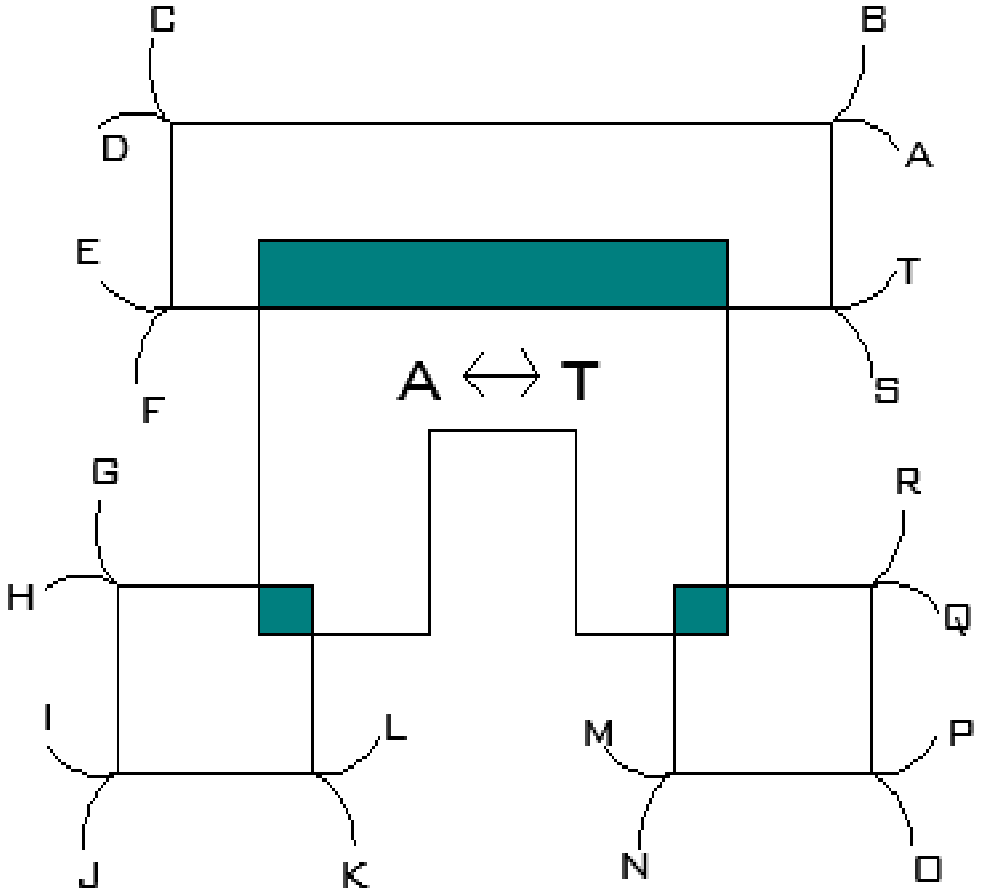
Productos No Tradicionales 21,79 %

Hidrocarburos 38,04 %

$$Rr = (f) \int_3^{16} \frac{d}{d^{1/2}}$$

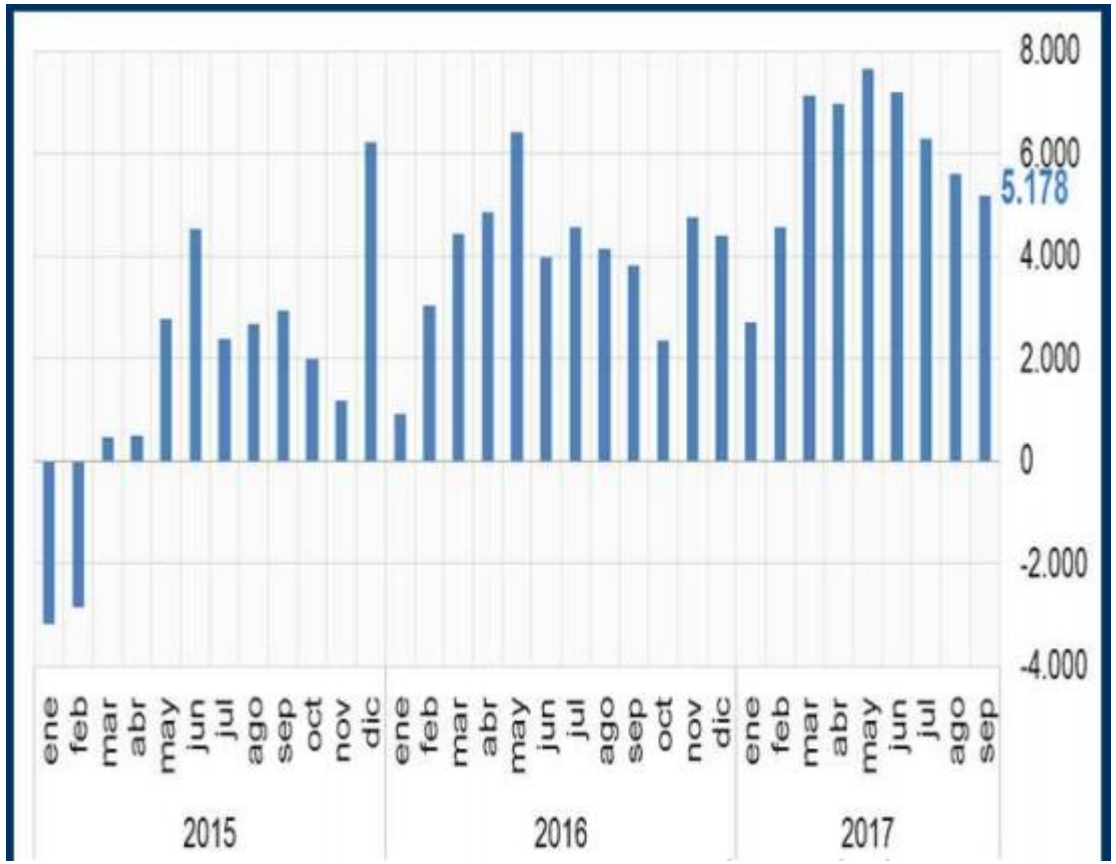
Balanza comercial (En millones de dólares)

$$Rr = (f)\int_{3}^{20} \frac{d}{d^{1/2}}$$



I = 20

R = 3



Plazo de la Deuda

Integral iterada (conjunto de integrales subsecuentes)

$$\lim Rr = \{F\} = \int_{3}^{7} \frac{d}{d^{IV}} + \int_{4}^{5} \frac{d}{d^{IV}} + \int \frac{d}{d} + \int_{6}^{7} \frac{d}{d^{IV}} + \int_{4}^{6} \frac{d}{d} + \int_{3}^{8} \frac{d}{d^{III}} + \int^{4} \frac{d}{d} + \int_{2}^{3} \frac{d}{d^{II}} + \int_{4}^{8} \frac{d}{d^{1/2}} + \int_{3}^{16} \frac{d}{d^{1/2}} + \int_{4}^{24} \frac{d}{d^{1/2}} + \int_{5}^{20} \frac{d}{d^{1/2}} + \xi^{2}$$

EVOLUCION DEL SALDO DE LA DEUDA EXTERNA PÚBLICA DE MEDIANO Y LARGO PLAZO
(En millones de dólares)

GESTIÓN	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
FMI	**277.4**	**248.1**	**264.2**	**246.7**	**220.2**	**207.0**	**194.6**	**276.5**	**306.0**	**243.8**	**14.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
MULTILATERAL	**2,724.7**	**2,762.5**	**2,759.4**	**2,826.7**	**2857.38**	**3,054.3**	**3,442.7**	**4,042.1**	**4,356.2**	**4,276.2**	**2,820.0**	**1709.26**	**1,819.9**	**1,993.3**	**2,287.9**	**2,620.8**	**3,040.9**	**3,459.8**	**3,901.1**	**4,651.6**
CAF	282.1	245.7	198.2	208.7	255.4	420.7	577.4	740.6	836.9	871.2	843.6	856.1	947.0	1,020.0	1,168.5	1,316.6	1,511.0	1,628.8	1,772.3	1,900.8
BID	1,435.3	1,446.8	1,381.2	1,396.8	1,392.8	1,373.7	1,450.2	1,626.5	1,658.2	1,622.8	1,621.2	459.3	460.9	519.4	629.4	764.2	936.0	1,179.4	1,458.4	1,768.5
BANCO MUNDIAL	892.0	956.4	1,067.6	1,105.9	1,096.6	1,146.9	1,323.6	1,571.4	1,748.8	1,666.8	233.4	261.2	280.1	315.2	355.1	393.9	443.0	498.6	498.6	735.4
OTROS	115.3	113.6	112.3	115.2	112.6	112.9	91.5	103.6	112.3	115.4	121.8	132.7	131.9	138.6	134.9	146.1	150.9	153.0	171.9	246.9
BILATERAL	**1,621.0**	**1,503.1**	**1,607.3**	**1,483.8**	**1371.75**	**1,227.3**	**756.9**	**820.7**	**383.5**	**421.6**	**413.6**	**498.6**	**622.8**	**607.4**	**602.8**	**871.1**	**654.9**	**802.0**	**835.1**	**689.2**
REP.POPULAR CHINA	21.5	24.9	24.6	24.1	23.3	21.4	19.5	16.3	14.0	24.4	38.6	75.4	79.5	79.5	82.2	170.8	291.4	457.2	535.7	530.2
VENEZUELA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	5.9	32.6	83.7	228.5	303.4	309.5	416.9	159.8	154.5	125.3	0.8
BRASIL	21.9	21.9	21.9	21.9	21.9	33.5	56.2	73.5	87.4	121.5	133.4	126.7	114.0	101.4	95.0	172.0	93.0	80.3	70.9	56.0
ALEMANIA	426.9	394.2	410.3	356.2	325.4	306.1	6.9	9.5	39.1	34.0	45.8	51.3	56.5	58.4	54.7	54.1	55.5	58.5	51.9	45.7
ESPAÑA	122.4	122.1	142.3	139.4	142.3	137.8	134.9	130.9	142.8	139.3	129.2	119.7	106.5	19.3	16.4	16.2	15.7	15.4	14.1	13.1
FRANCIA	63.4	59.6	61.0	45.2	40.7	37.9	16.1	17.2	17.2	13.3	12.8	12.5	10.6	9.1	10.0	8.8	7.9	7.2	5.4	4.1
EEUU	55.7	60.2	71.2	61.0	60.1	59.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REINO UNIDO	28.9	28.7	28.8	18.6	18.1	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BELGICA	150.0	130.9	126.3	62.4	57.7	54.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JAPON	526.4	468.7	528.5	587.3	523.4	464.1	513.5	567.6	71.6	63.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTROS	203.9	192.0	192.4	167.7	159.0	94.5	9.9	5.6	10.8	20.2	21.2	29.4	27.1	36.3	35.1	32.3	31.6	29.0	31.8	39.3
PRIVADO	**20.1**	**17.8**	**28.5**	**16.3**	**11.2**	**8.4**	**5.5**	**2.8**	**0.4**	**0.2**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**500.0**	**1,000.0**	**1,000.0**	**1,000.0**
SALDO	**4,643.2**	**4,531.5**	**4,659.3**	**4,573.4**	**4,460.5**	**4,497.0**	**4,399.8**	**5,142.2**	**5,046.0**	**4,941.7**	**3,248.1**	**2,207.9**	**2,442.8**	**2,600.6**	**2,890.7**	**3,491.9**	**4,195.82**	**5,261.8**	**5,736.2**	**6,340.8**

Actualizado al: 14JUN2016

$$limRr = \{\dot{F}\} = \frac{log7+log3}{\frac{d}{\frac{1}{3}}} + \frac{log5+ln4}{\frac{d}{\frac{1}{4}}} + \frac{log+ln6}{\frac{d}{\frac{1}{6}}} + \frac{log6+ln}{\frac{d}{\frac{1}{\propto}}} + \frac{log8+ln3}{\frac{d}{\frac{1}{8}}} + \frac{log4+ln}{\frac{d}{\frac{1}{4}}} + \frac{log3+ln+2}{\frac{d}{\frac{1}{3}}} + \frac{log8+ln4}{\frac{d}{\frac{1}{8}}} + \frac{log16+ln3}{\frac{d}{\frac{1}{16}}} + \frac{log24+ln4}{\frac{d}{\frac{1}{24}}} + \frac{log20+ln3}{\frac{d}{\frac{1}{20}}} + \frac{lim}{d}(\xi^{2})$$

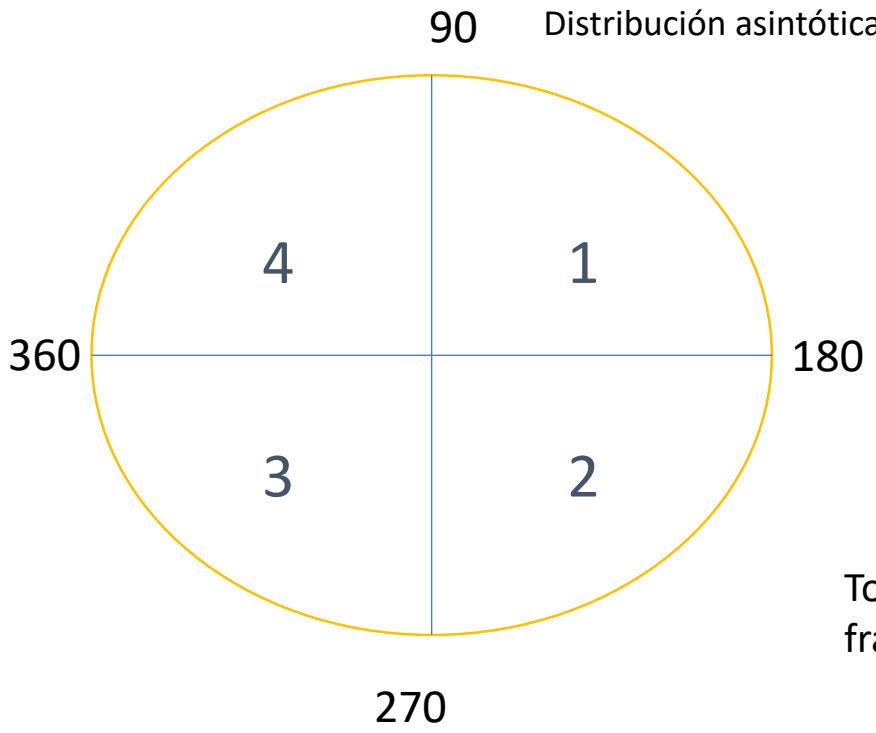
Error de Euler

Tipo de Cambio

Hamiltoniano

$$Rr = \frac{\log(7{,}5{,}7{,}6{,}8{,}4{,}3{,}8{,}16{,}24{,}20)}{\frac{\ln(3{,}4{,}6{,}1{,}3{,}1{,}2{,}4{,}3{,}4{,}3)}{d^{x1}}} + (\xi^2)$$

$$\int_{\frac{3+4+6}{\propto}}^{1+n!} \frac{3+4+3+8+16+24+20}{-\propto} !!$$



FECHA DE LA COTIZACIÓN: Viernes 13 de Octubre de 2017

PAÍS	UNIDAD MONETARIA	TIPOS DE CAMBIO EN Bs. POR UNIDAD DE MONEDA EXTRANJERA
ARGENTINA	PESO	0,39382
AUSTRALIA	DÓLAR	5,36587
BRASIL	REAL	2,16199
CANADA	DÓLAR	5,50164
CHILE	PESO	0,01099
COLOMBIA	PESO	0,00233
COREA DEL SUR	WON	0,00605
DINAMARCA	CORONA	1,09053
ECUADOR	DÓLAR	6,86000
ESTADOS UNIDOS	DÓLAR VENTA	6,96000
ESTADOS UNIDOS	DÓLAR COMPRA	6,86000
HONG KONG	DÓLAR	0,87850
INDIA	RUPIA	0,10540
JAPON	YEN	0,06110
MEXICO	PESO	0,36393

Todo lo que sea mayor a 4 es fractal ($\propto$)

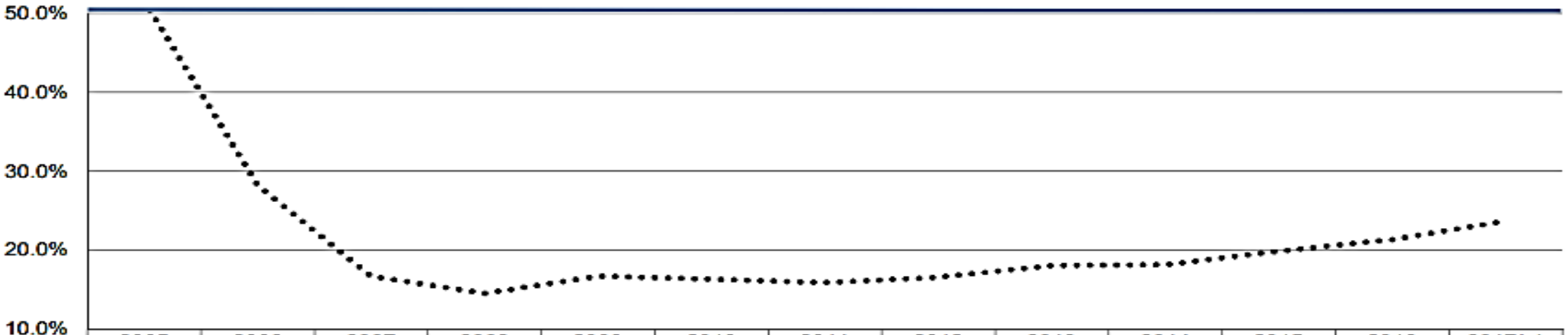
Deuda de Lp

$$Rr = \left\{ \frac{\propto+\propto+\propto+\propto+\propto+\propto^{n+4}+\propto^{n+3}+\propto+\propto+\propto+\propto}{\frac{L^{n+3}+L^{n+4}+L^{n+1}+\propto^{n+1}+\propto^{n+4}+\propto^{n+3}+\propto^{n+4}+\propto^{n+3}}{\frac{log11}{lim\frac{1}{\propto}}}} \right\}$$

$$-\int \frac{l+nl}{\frac{\propto^{n+3}\propto^{n+4}\propto}{\frac{1}{\propto}}+\frac{\propto^{n+3}+\propto^{n+4}+\propto^{n+3}+\propto+\propto+\propto+\propto}{lim\frac{1}{2}}+\xi^2!$$

$$Rr = \left[\frac{\lim(9)\propto}{\frac{\frac{1}{\propto}}{\propto^{\frac{n(3-4-2)}{1}}}}\right] - \left[\frac{log\frac{1}{\propto}}{\lim(\|)}\right] + \frac{log^{\frac{1+n}{\frac{1}{\propto}}}}{\left[\frac{\propto(3-4-2)}{ln\frac{1}{\propto}}\right]} + log\frac{1}{\propto} + \xi^2$$

Indicador de Solvencia
SALDO DEUDA/PIB (*)
(En porcentaje)



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017(p)
DE/PIB	51.6%	28.2%	16.7%	14.5%	16.7%	16.3%	15.9%	16.6%	18.1%	18.2%	19.9%	21.3%	23.7%

(p) Preliminar, PIB estimado 2017.

Evidencia fractal

$$Rr = \frac{log9}{\left[\frac{1}{x}\right]} + \frac{ln3 + ln4 + ln2}{\left[\frac{1}{-x}\right]} - \frac{log\frac{1}{II}}{ln11} + log\frac{1+11}{\frac{1}{11}} + log\frac{1}{11} + \xi^2$$

$$Rr = \frac{0.95}{0.5} + \frac{1.09 + 1.38 + 1.06}{(1 - 0.5)} - \left|\dot{\widehat{anti\ log}}\right| + \frac{1.08}{0.11} + \left|\ddot{\widehat{anti\ log}}\right| + \xi^2$$

$$Rr = 1.9 + \frac{3.53}{0.5} - \frac{d}{d''} + 9.82 + \xi^2$$

$$Rr = \frac{1.9 + 7.06 + 9.82}{\frac{d}{d^v}} + \xi^2$$

$$Rr = \frac{18.78}{\frac{0.5}{(0.5)^2}} + \xi^2$$

$$Rr = \frac{37.55}{1} + \xi^2$$

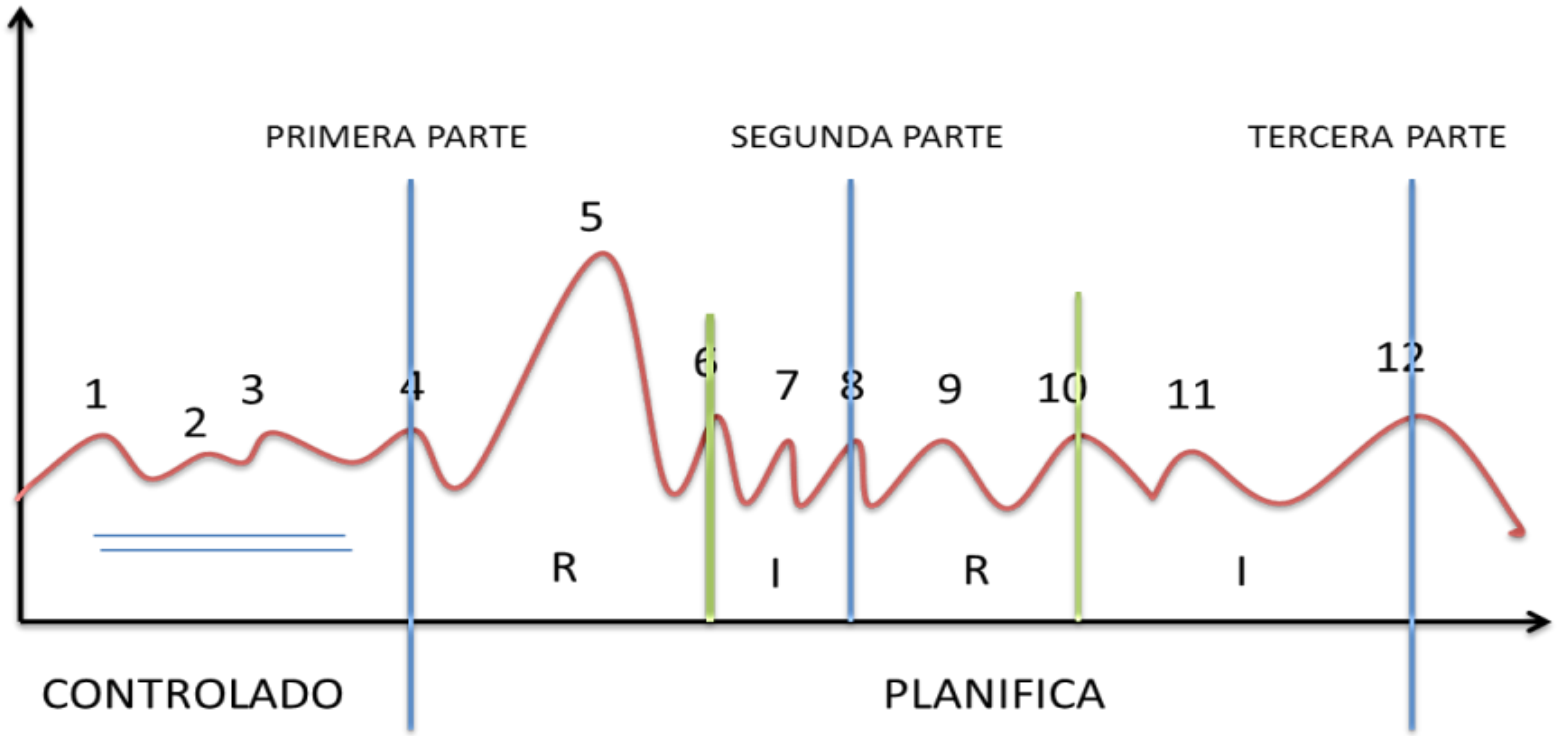
$$Rr = 37.55 + \xi^2$$

$$Rr = \frac{37.55}{0.618}$$

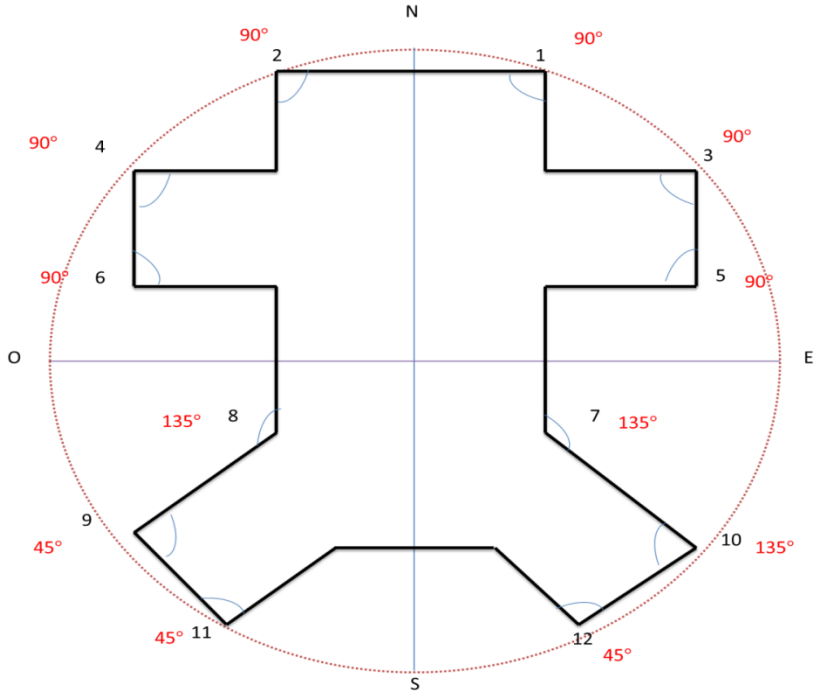
$$Rr = \frac{60.76 * 100}{100} = 60.76\%$$

M = 60.76

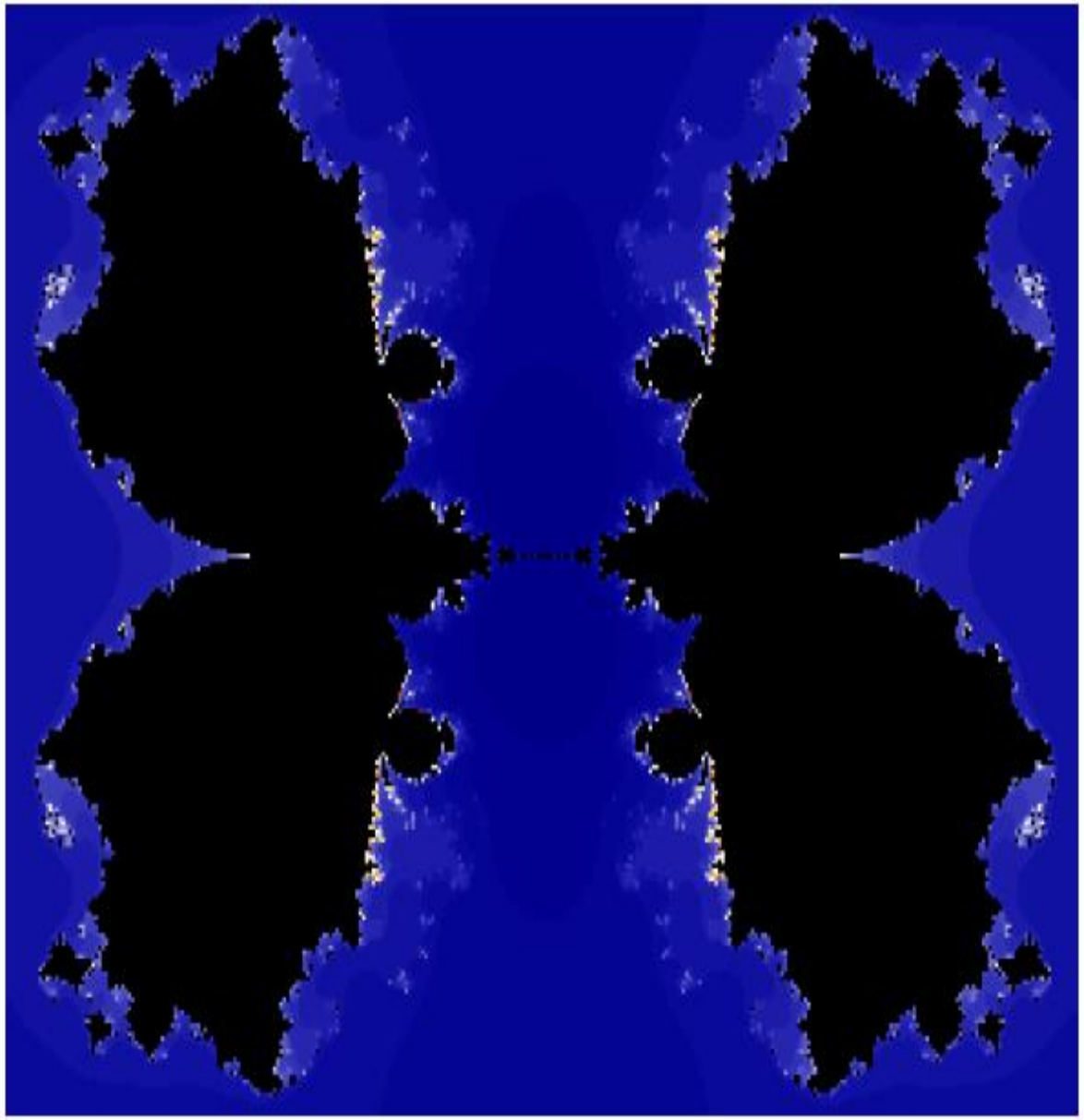
Caja de Sectorización Económica



Red fractal



$$\int \left[\frac{1 \to 90°}{\lambda - E(N)}\right] + \left[\frac{2 \to 90°}{\lambda - N(0)}\right] + \left[\frac{3 \to 90°}{\lambda - E(N)}\right] + \left[\frac{4 \to 90°}{\lambda - N(0)}\right] + \left[\frac{5 \to 90°}{\lambda - E(N)}\right]$$
$$+ \left[\frac{6 \to 90°}{\lambda - N(0)}\right] + \left[\frac{7 \to 135°}{\lambda - S(E)}\right] + \left[\frac{8 \to 135°}{\lambda - 0(S)}\right] + \left[\frac{9 \to 90°}{\lambda - 0(S)}\right]$$
$$+ \left[\frac{10 \to 45°}{\lambda - S(E)}\right] + \left[\frac{11 \to 45°}{\lambda - 0(S)}\right] + \left[\frac{12 \to 45°}{\lambda - S(E)}\right] + \frac{d}{d \propto}$$



Red fractal fraccionaria

$$\boldsymbol{f} = \left\{ \frac{1 \leftrightarrow (90°)^{IV}}{\lambda - \left[\frac{E^{\text{m}}}{6}\right]} + \frac{7 \leftrightarrow (135°)^{II}}{\left[\frac{E}{0(2)}\right]} + \frac{9 \leftrightarrow (45°)^{IV}}{\lambda - \left[\frac{0^{\text{m}}}{E^{\text{m}}(4)}\right]} \right\} \frac{\boldsymbol{d}}{\boldsymbol{d} \propto}$$

Escala de Fourier con bifurcación de Fresnel

$$f = \frac{\frac{\rightarrow 1}{d\,(1)} \quad \frac{\rightarrow 7}{d(1)} \quad \frac{\rightarrow 9}{d(1)}}{{}^{1}/_{\lambda}} \left[\frac{E^{IV} - E^{II}(4) + 0^{II}}{12\,(0)}\right] + \frac{d}{d \propto}$$

$$f = \frac{\frac{1 \rightarrow 7 \rightarrow 9}{d^{\prime\prime\prime}(3)}}{{}^{1}/_{\lambda}} \left[\frac{4(E^{II} + 0^{II})}{\frac{12}{-0}}\right] + \frac{d}{d \propto}$$

EVOLUCIÓN DE LA DEUDA EXTERNA PÚBLICA DE MEDIANO Y LARGO PLAZO

PERIODO 2007-2017

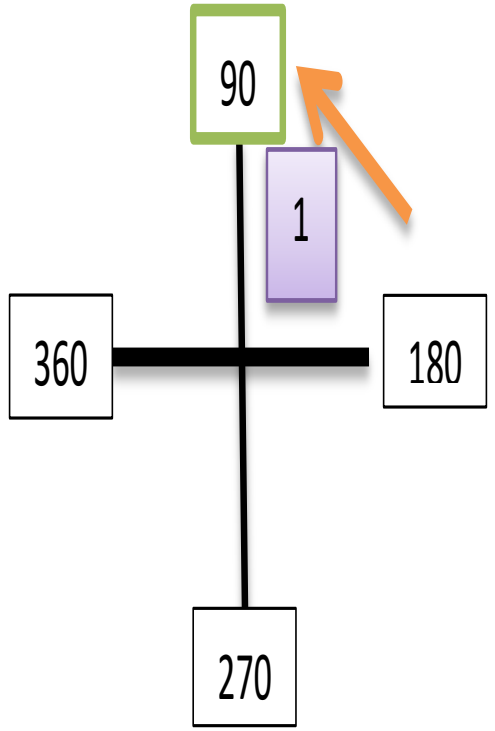
(En millones de USD)

GESTION	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	30/06/2017 (p)
SALDO	2.207,9	2.442,8	2.918,4	3.235,0	3.837,4	4.524,6	5.583,8	6.035,7	6.612,7	7.267,7	8.718,5

FUENTE: BCB

ELABORACION: Gerencia de Operaciones Internacionales

(p) Preliminar



$$f = \frac{1 \to 7 \to 9}{\frac{3}{-d'''}} \left[\frac{4(E \to 0)^{IV}}{\frac{12}{\frac{-0}{\frac{1}{\lambda}}}} \right] + \frac{d}{d\alpha}$$

$$f = \frac{\left[\left(\frac{1 \to 7 \to 9}{3(4) + \left[\frac{E \to 0}{-0} \right]} \right) \right] \frac{IV}{\frac{1}{\lambda}} . \left| d''' \right|}{-12} + \frac{d}{d\alpha}$$

$$f = \frac{1 \to 7 \to 9}{\frac{(12) + E}{-12}} \frac{\frac{IV}{1}(d''')}{\lambda} + \frac{d}{d\alpha}$$

$$f = \frac{1 + 1 + 1}{12 + E + 12} \left(\frac{\frac{IV}{1}}{\lambda} \right) \frac{(3)}{d} + \frac{d}{d\alpha}$$

$$\frac{1}{\lambda} = \frac{1}{\lambda + 1} + \left[\frac{\lambda - 1}{\lambda + 1} \right]^{\lambda}$$

$$\lambda = \left[\frac{\lambda + 1}{\lambda - 1} \right]^{\lambda - 1}$$

- Agroindustria
- Cooperativas
- Bancos
- Eléctricas
- Construcción
- Industriales
- Patrimonio Autónomo
- Petroleras
- Seguros
- Servicios
- Servicios Financieros
- Transporte
- Municipal

$$\frac{1}{\lambda} = \frac{1}{\frac{1 + \lambda}{1 - \lambda}} \left[\frac{1 - \lambda}{\frac{1 + \lambda}{-1}} \right]^{\lambda - 1}$$

$$\lambda \left[\frac{\lambda - 1}{\lambda + 1} \right] \lambda + 1$$

$$\frac{1}{\lambda} = \frac{1}{\frac{1 + \lambda}{\lambda + 1}} \left[\frac{\lambda + 1}{\frac{\lambda - 1}{1}} \right]^{\lambda \pm 1}$$

$$\lambda = \left[\frac{\lambda'''}{1} \right] \left[\frac{\lambda + \lambda -}{\lambda -} \right] = \left[\frac{\lambda'''}{\lambda \pm \lambda -} \right] \frac{-\lambda'''}{\lambda}$$

$$\frac{1}{\lambda} = \frac{1}{\frac{\lambda + 1}{\lambda - 1}} \left[\frac{\lambda + 1}{\frac{\lambda - 1}{\lambda}} \right]$$

$$\lambda = \frac{\lambda^{\lambda - 1}}{\lambda^{\lambda + 1}}$$

$$\lambda = \frac{\lambda''}{\lambda - 1 + \lambda + 1}$$

$$\lambda = \frac{\lambda''}{\frac{\lambda - 1}{\lambda + 1}} = \frac{\lambda''}{\lambda \pm 1}$$

$$f = \frac{3}{24(E)}\left(\frac{IV}{\frac{1}{\lambda}}\right)\frac{3}{d} + \frac{d}{d\alpha}$$

$$f = \frac{3-24}{E} + \left(\frac{IV}{\frac{1}{\lambda}}\right)\frac{3}{d} + \frac{d}{d\alpha}$$

$$f = \frac{\frac{-21-3}{E}\left(\frac{1}{\lambda}\right)^{IV}}{d} \cdot \frac{d}{d\alpha}$$

$$f = \frac{-24}{E} \cdot \left(\frac{1}{\lambda d}\right)^{\frac{IV}{d}} \cdot \frac{d}{d\alpha}$$

$$f = \left(\frac{-24}{E}\right)\frac{d}{\lambda d}\left(\frac{1}{[-1]}\right) \cdot \frac{d}{d\alpha}$$

$$f = \frac{d-d}{\lambda}[E(-24)]$$

$$f = \left[\frac{\lambda}{E}\right] \cdot \frac{(24)^{IV}}{d} \cdot d\alpha$$

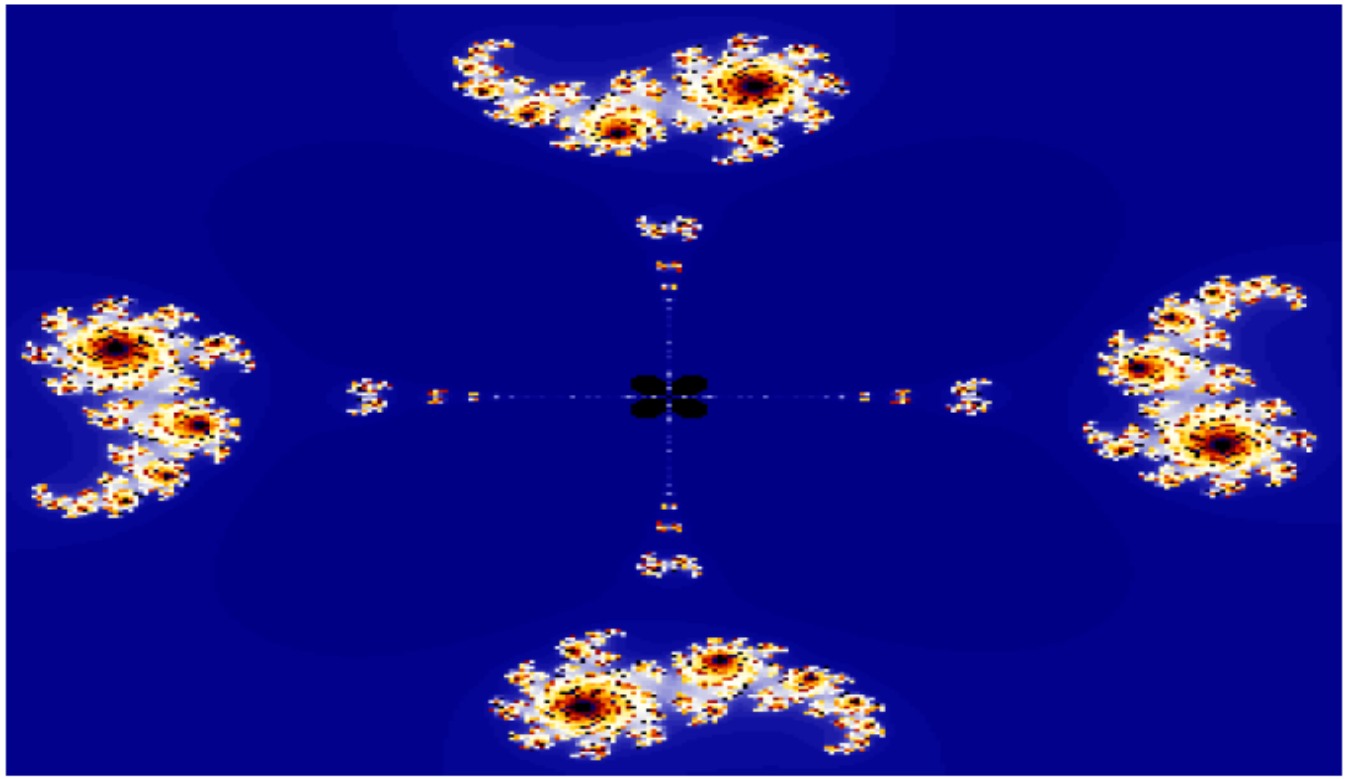
$$f = \frac{\lambda(E)}{24}\,\frac{d}{-24}\,.d\alpha$$

$$f = \frac{-\lambda}{E} \cdot \frac{d}{d\alpha}$$

$$f = \frac{E}{-\lambda} \cdot \frac{d}{d\alpha}$$

$$f = \left[\frac{E}{-\lambda}\right]^{d/\alpha}$$

$$f = (E.\lambda)^{1/2} d\alpha$$



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¡Muchas Gracias!

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