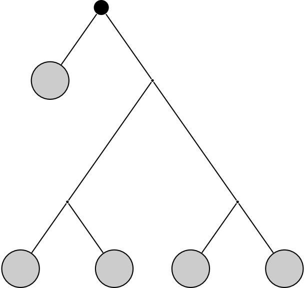
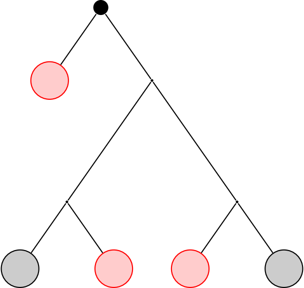
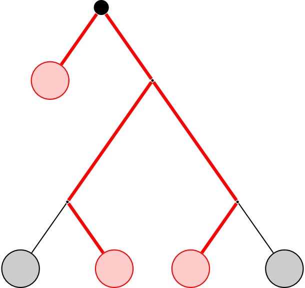
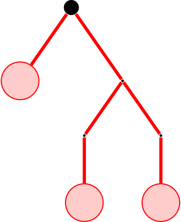
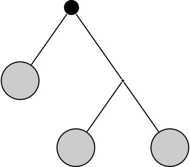
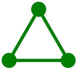
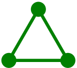


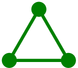


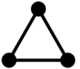
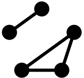


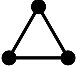
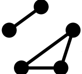


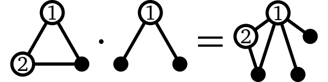


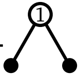
$\mathrm{ex}\Big($  $;$  $\Big) := \max_{\mathcal{G}} \Big\{ \phi\Big($  $\Big) : \phi\Big($  $\Big) = 0 \Big\}.$

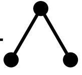
ex( ; ) $\geq \frac{1}{2}$,

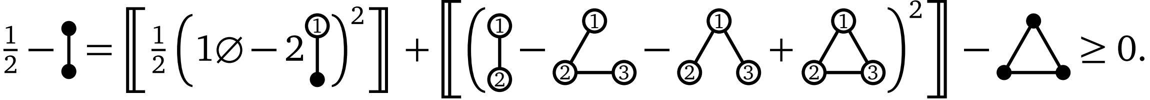
ϕ () ϕ () $=$ ϕ ().

 $\cdot$  $=$ ,


1
2
1
1
2

$$\Big(1\varnothing - 2$$  $$\Big)^2 = \varnothing - 4$$  $$+\,4$$  $$\geq 0.$$

$$\left[\!\left[\left(1\varnothing - 2$$  $$\right)^2 \right]\!\right] = \varnothing - 4$$  $$+\, 4$$  $$\geq 0.$$



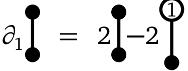
$$[\![f^2]\!] = \langle cc^\top, [\![\mathcal{F}\mathcal{F}^\top]\!]\rangle$$

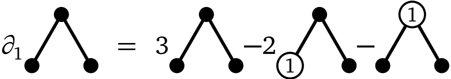
$$\langle M, [\![\mathcal{F}\mathcal{F}^\top]\!] \rangle$$

$$H -$$  $$^{|E(H)|} \geq 0.$$

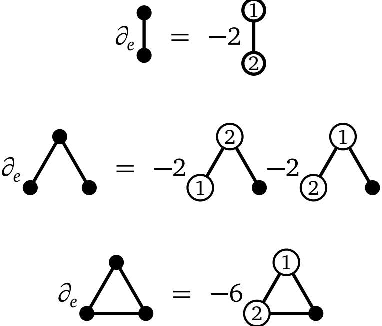
$$\nabla_{v} f(x) = \lim_{h\to 0} \frac{f(x+hv)-f(x)}{h}$$

$$\partial_{v} H := \lim_{i \to \infty} \frac{(H \text{ density in } (G_i - v)) - (H \text{ density in } G_i)}{i^{-1}}$$





$$\partial_e H := \lim_{i \to \infty} \frac{(H \text{ density in } (G_i - e)) - (H \text{ density in } G_i)}{i^{-2}}$$


∂e = −2
1
2
∂e = −2 −2
2
1
1
2
∂e = −6
1
2