

>moje hypotéza z r. 1984<

$$\begin{aligned} M_V &= x_{HV}^2 \cdot t_v = 1,8149475 \cdot 10^{52} \cdot 10^{+1} \text{ kg} \\ \rho_c &= t_v / x_{HV} = 7,4228083 \cdot 10^{-27} \cdot 10^{+1} \text{ kg/m}^3 \\ t_w &= T_v \cdot t_c = 14,24 \cdot 10^{10} \cdot 10^{-1} \text{ let} \\ &= 4,4937756 \cdot 10^{17} \text{ sec.} \\ X_{HV} &= R_v \cdot t_c = 1,3471999 \cdot 10^{26} \text{ m.} \\ &= 1,3471999 \cdot 10^{27} \cdot 10^{-1} \text{ m} \end{aligned}$$

>jejich fyzika z r. 1989<

$$\begin{aligned} M_E &= 2\pi R_E \cdot \rho_E = 2 \cdot 10^{53} \text{ kg} \\ \rho_E &= 10^{-26} \sim 10^{-28} \text{ kg/m}^3 \\ t_E &= 6 \cdot 10^{17} \text{ sec.} = 20 \cdot 10^9 \text{ let} \\ R_E &= 10^{26} \text{ m} \end{aligned}$$

$$c = X_{HV} / t_w = 1,3471999 \cdot 10^{26} \text{ m} / 4,4937756 \cdot 10^{17} \text{ sec.} = 2,9979246 \cdot 10^8 \text{ m/sec.}$$

stavba škály časů a vzdáleností : (zvolená rozpětí)

$$\frac{x_p - (\text{Planckova délka})}{t_p - (\text{Planckův čas})} = \frac{x_c}{t_c} = c = \frac{x_{HV} - (\text{hranice vesmíru})}{t_w - (\text{věk vesmíru})}$$

$$\frac{0,4051 \cdot 10^{-34} \text{ metrů} = x_p}{1,3510 \cdot 10^{-43} \text{ sekund} = t_p} = \frac{0,7386 \cdot 10^{-4} \text{ m} = x_c}{2,4630 \cdot 10^{-13} \text{ s} = t_c} = \frac{1,3470 \cdot 10^{+26} \text{ m} = x_{HV}}{4,4930 \cdot 10^{+17} \text{ s} = t_w}$$

$$\begin{array}{ccccccc} & x_p & & x_c & & & x_{HV} \\ 0,4 \cdot 10^{-34} & | & & 0,7 \cdot 10^{-4} & | & & 1,3 \cdot 10^{+26} \\ & 1/2 & & & 1/2 & & \end{array}$$

$$\begin{array}{ccccccc} & t_p & & t_c & & & t_w \\ 1,3 \cdot 10^{-43} & | & & 2,4 \cdot 10^{-13} & | & & 4,4 \cdot 10^{+17} \\ & 1/2 & & & 1/2 & & \end{array}$$

$$\begin{aligned} x_p \cdot x_{HV} &= x_c^2 \\ t_p \cdot t_w &= t_c^2 \end{aligned}$$

>my hypothesis from 1984<

$$\begin{aligned} M_V &= X_{HV}^2 \cdot t_v = 1,8149475 \cdot 10^{52} \cdot 10^{+1} \text{ kg} \\ \rho_c &= t_v / X_{HV} = 7,4228083 \cdot 10^{-27} \cdot 10^{+1} \text{ kg/m}^3 \\ t_w &= T_v \cdot t_c = 14,24 \cdot 10^{10} \cdot 10^{-1} \text{ let} \\ &= 4,4937756 \cdot 10^{17} \text{ sec.} \\ X_{HV} &= R_v \cdot t_c = 1,3471999 \cdot 10^{26} \text{ m.} \\ &= 1,3471999 \cdot 10^{27} \cdot 10^{-1} \text{ m} \end{aligned}$$

>their physics from. 1989<

$$\begin{aligned} M_E &= 2\pi R_E \cdot \rho_E = 2 \cdot 10^{53} \text{ kg} \\ \rho_E &= 10^{-26} \sim 10^{-28} \text{ kg/m}^3 \\ t_E &= 6 \cdot 10^{17} \text{ sec.} = 20 \cdot 10^9 \text{ let} \\ R_E &= 10^{26} \text{ m} \end{aligned}$$

$$c = X_{HV} / t_w = 1,3471999 \cdot 10^{26} \text{ m} / 4,4937756 \cdot 10^{17} \text{ sec.} = 2,9979246 \cdot 10^8 \text{ m/sec.}$$

building scales of times and distances : (selected intervals)

$$\begin{array}{ccc} \frac{x_p - (\text{Planck's length})}{t_p - (\text{Planck's time})} & = \frac{x_c}{t_c} = c = & \frac{x_{HV} - (\text{border of the Universe})}{t_w - (\text{age of the Universe})} \\ \frac{0,4051 \cdot 10^{-34} \text{ meters} = x_p}{1,3510 \cdot 10^{-43} \text{ seconds} = t_p} & = \frac{0,7386 \cdot 10^{-4} \text{ m} = x_c}{2,4630 \cdot 10^{-13} \text{ s} = t_c} & = \frac{1,3470 \cdot 10^{+26} \text{ m} = x_{HV}}{4,4930 \cdot 10^{+17} \text{ s} = t_w} \end{array}$$

$$\begin{array}{ccccccccc} & & x_p & & x_c & & & & x_{HV} \\ & & | & & | & & & & | \\ 0,4 \cdot 10^{-34} & & \frac{1}{2} & & 0,7 \cdot 10^{-4} & & \frac{1}{2} & & 1,3 \cdot 10^{+26} \end{array}$$

$$\begin{array}{ccccccccc} & & t_p & & t_c & & & & t_w \\ & & | & & | & & & & | \\ 1,3 \cdot 10^{-43} & & \frac{1}{2} & & 2,4 \cdot 10^{-13} & & \frac{1}{2} & & 4,4 \cdot 10^{+17} \end{array}$$

$$\begin{aligned} x_p \cdot x_{HV} &= x_c^2 \\ t_p \cdot t_w &= t_c^2 \end{aligned}$$