Mapping confluent lines and curves of two central force fields. My effort to standardize nomenclature I use in my constructions. Fom this day forward (7/25/24) I pin this construction in my mind. ALΣXANDΣR

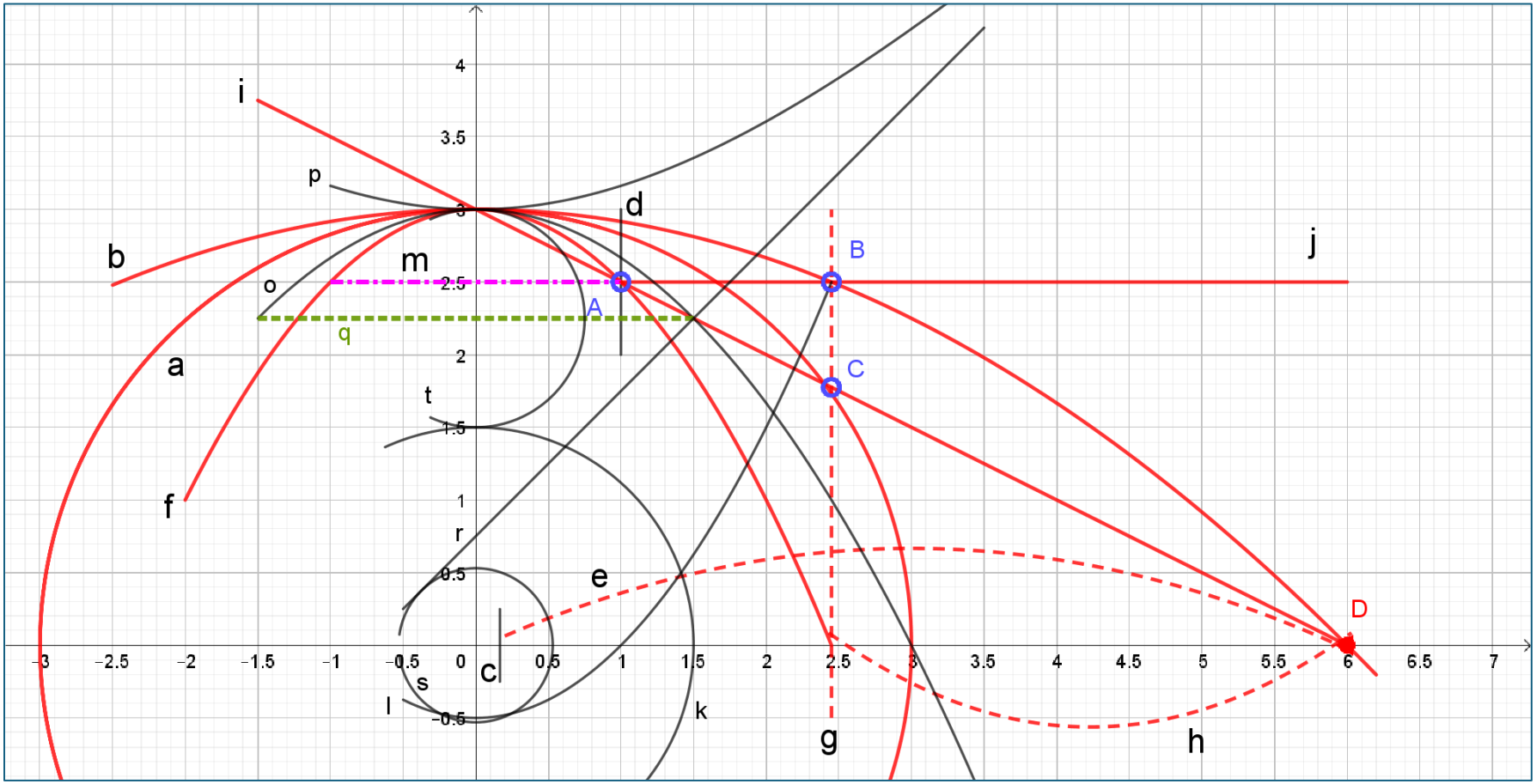

Figure 1: AlexG: inverse roots of M1; root(6). Let red be MACRO-SPACE, black be MICRO-SPACE. Every curve a reason, every line a purpose. Let these lines and curves be the signposts making standard my parametric geometry.

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dealing with mechanical ecurves integer (6)

ALΣXANDΣR

No.	Name	Value	Caption
1	Curve a	a:(3cos(t), 3sin(t))	independent curve; $(S\&T2)$. Dependent electron cloud Z#3.
2	Curve b	b:(t, t² / -12 + 3)	dependent curve; $(S\&T2)$. Period time curve (M_2).
3	Curve d	d:(1, t)	abscissa ID; domain side Galileo's 1st second tile. Point (A) collector of 3 inverse solution curves. rest energy, registration, and potential.
4	Curve e	e:(t + 3, t² / -13 + 4 / 6)	inverse connection: $(S\&T2)$curve and radius of curvature.
5	Curve f	f:(t, t² / -2 + 3)	(M_1) system potential, control arm period time curve(b).
6	Curve i	i:(t, t¹ / -2 + 3)	linear registration $(S\&T2)$ displacement (M_2) with (M_1) spin.
7	Curve h	h:(t + 4.23, (-t²) / -5 - 9 / 16)	Inverse square connection (M_2) period curve with (M_1) potential
8	Point A	A = (1, 2.5)	crossover link with Galileo $(S\&T1)$ 1st second tile. (M_1) control point, potential, rest energy, and period curve registration.
9	Point B	B = (2.45, 2.5)	crossover link with potential and motive energy $(S\&T2)$.
20	Point C	C = (2.45, 1.78, 0)	crossover link curved space coordinate:$\left(\frac{disp}{2}, \frac{\sqrt{disp}}{2}\right)$.
21	Curve g	g:(2.45, t)	abscissa ID curve space coordinate: $\left(\sqrt{disp.}, rest(e)\right)$.
22	Curve m	m:(t, 2.5)	latus rectum curve of $(S\&T2)$ potential curve(f).
23	Curve j	j:(t, t⁰ / -2 + 3)	rest energy $(S\&T2)$. Drops discovery curve(a) 1/2 point on spin.
25	Curve k	k:(3 / 2 cos(t), 3 / 2 sin(t))	independent curve; Z#3 nucleus claim of space. How much is me?
26	Curve l	l:(t, t² / 2 - 1 / 2)	return link of nuclear potential to macro space gravity. From binding energy curve(s) to period time curve(b) of macro Infinity.

28	Curve o	o:(t, t² / -3 + 6 / 2)	binding parabola, linking (e)cloud with Z#3 nuclear spin.
30	Point D	D = (6, 0, 0)	Sir Isaac Newton's: (M_2) average energy diameter/orbit curve.
31	Curve p	p:(t, √(9 + t²))	shaping hyperbola. My parametric theodolite to lay out surface topography and flat space of the quantum field.
32	Curve q	q:(t, 2.25)	latus rectum of binding parabola linking (e)cloud with nucleus Z#3. Note seeming intersection of binding parabola(o), it's latus rectum(q), etangent normal(r), with registration curve(i) in macro space.
33	Curve r	r:(t, (1.5 + 2t) / 2)	slope $(m = +1)$ tangent normal binding parabola latus rectum link with bonding plane of like elements.
34	Curve s	(3 / (4√(2)) cos(t), 3 / (4√(2)) sin(t))	binding energy space of the nucleus Z#3.
35	Curve t	t:(3 / 4 cos(t), 3 / 4 sin(t) + 9 / 4)	neighborhood of (p) for binding parabola of (e)cloud for Z#3.
36	Curve c	c:(0.17, t)	curvature value for displacement inverse connection happening in $(S\&T2)$.

Created with GeoGebra

If I were to post an order of study, S&T2 would predominate my time spent since retirement 2010.

I sketched my first nuclear exploration back in 2011. Became aware of all three times squares 2021. Crossover triangles came about from my Contributed Poster@Math Association of America math fest Philadelphia 2022. Most everything else, has been bubbling in my head for these 20 to 25 years, probably more considering been obsessed with math and it's markings following discharge from military service March 1967. Used my GI bill to scratch a start, let me say tough stuff to scratch at. But know this, Bill Gates and the home computer in 1995 would change the way we scratch at the hard stuff.

Let me say in closing, this is only the trunk for the tree of human knowledge, I say this because I only build my geometry on the likes of Galileo, Sir Isaac Newton, and the whole 20th century collective. Like a **Mandelbrot set,** who knows where the leaves will take us; in and out. AlσxandσrG