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**From:** Rupert Sheldrake <[REDACTED]>  
**Sent:** Tuesday, July 12, 2016 3:54 PM  
**To:** jeffrey E.  
**Subject:** Re: fields

Dear jeffrey,

Thanks for the graph. Yes, it's a fairly general shape, also seen in species frequencies etc. Still not sure how it might apply to morphic resonance. We would probably need to discuss this when we meet in person.

I agree there are deep problems with, or aspects of probability.

I seem to take a much sharper distinction than you do between coin flipping type probabilities and the probability fields of self-organising systems, like the leaves of oak trees. I think there's an inherent difference between systems organised by external forces and by internal organising principles. The coin is moved entirely by external forces, whereas the developing leaf shapes itself, as does a soap bubble, although in the soap bubble case surface tension can probably explain the form quite adequately. Simple physical explanations like surface tension fail when it comes to leaves although D'Arcy Thompson tried to extend them into the biological realm.

We are off for Canada tomorrow and away for 2 months on a remote island in BC. I hope still to be in email contact most of the time.

Rupert

On 12 Jul 2016, at 16:47, jeffrey E. wrote:

<Screen Shot 2016-07-12 at 1:46.52 AM.png>

On Tue, Jul 12, 2016 at 9:41 AM, Rupert Sheldrake <[REDACTED]> <mailto:rsheldrake@clara.co.uk> wrote:

Dear jeffrey,

They could be probability fields themselves, you're right. When I first put forward this hypothesis I corresponded with Karl Popper, the philosopher of science, about it and he thought morphic fields sounded like what he called propensity fields, a very similar concept to your probability fields. The problem is that when you propose this idea to people they just can't grasp the idea of free-floating probability fields. They ask "What are they made of?" It's true that it's also hard to answer the question of what are quantum probability fields made of.

But there's a problem with trying to force all natural phenomena into the same shape of distribution that's come before. First of all, as with my own hypothesis, there's the problem of creativity: What about the first one? And secondly some probabilities are passive in the sense that they describe events that just happen, like coin tossing. Others are probability fields associated with self-organising systems, like developing plants. One kind of probability depends on external forces, the other on internal organisational principles. Morphic resonance only applied to the latter.

Best

Rupert

On 11 Jul 2016, at 13:49, jeffrey E. =rote:

why would =hey influence rather than actually just be a probability field =themselves. . it also might be =un to think of " luck" as a morphic field = I think a strong argument can be made that the =lower laws zipfs pareto are the proofs of =span>morphic fields. . forcing all natural =span>phenomoma into the same shape of distribution that has come =before it its very very elegant. =nd as good a theory as any scientist can propose.

On Mon, Jul 11, =016 at 6:49 AM, Rupert Sheldrake [REDACTED] =rote:

Dear Jeffrey,

Yes, = think Brian Josephson is indeed rather scattered.

I don't think =eepak is interested in deep theoretical issues so I don't think you'll succeed in moving him towards the =study of probabilities. But I agree with you that it would be better if he stayed away from quantum phenomena which he =oesn't know much about and which in relation to medicine and consciousness seem =o me to create a cloud of scientific-sounding rhetoric which obscures rather =han illuminates the problems.

I'm all for the idea of =ttractors, but I don't think mathematically so find it hard to grasp probability =rguments. Although I think morphic fields are =robability structures and work by influencing probabilities. =/span>

We leave for a remote island in British =olumbia on Wednesday and I'll be away for about 2 months. But still in email contact most of the time. =/span>

Rupert

On 9 Jul 2016, at 10:53, jeffrey E. =rote:

he pointed me =o brian josephson, seems =cattered.? view? I m trying to convince depak =o move in the realm and study of probabilities and stay away from =quantum phenomena. . I think natures distributions =ushing elements to be average , describes many processes. = it appears that morphing all local faces into one ( =verage ) appears to be beautiful.. if things are =istributed on a bell live or normal curve, just looking at =he distribution could lead one to think there is a force pushing toward =he middle. maybe gravity is just =hat, . probability of all things being equally =istributed. appearing as a pseudo force = ( like centrifugal force ). the =central limit theorem might answer many mysteries. . =erivation of the power laws for example. zipf, =span>pareto. . if the distribtuions are =he attractors. having even a distribution of esoteric =raits like happinesss could lead one to belive that if the =distribution wants to stay constant. as one point on the =urve ( the person) if they become happier, the pseufo force would push =omeone else towards the average. . =nd yes - a few times depak and i roared with =aughter.

On Sat, Jul 9, 2016 at 5:30 AM, Rupert Sheldrake =span

dir="ltr">> [REDACTED] <mailto:rsheldrake@clara.co.uk> > =rote:

Glad to hear about your meeting. Deepak =s good company, has a broad vision, and can be hilarious =oo.

Rupert

On 8 Jul 2016, at =1:18, jeffrey E. wrote:

depak chopra was here this morning, a great fan of =ours

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please =ote

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