

# UFO's and the Fourth Dimension - Pt. 3

*By Luis Schönherr*

ACCORDING to hypotheses which I previously advanced in this periodical,<sup>1</sup> UFOs could be a sort of space craft travelling to our space along the fourth dimension. As to the laws governing such a movement one could conceive of three possibilities:

1. The kinetic laws valid within our three dimensions apply also to the fourth. In this case acceleration and deceleration only require the application of a propelling force, provided of course that there exists no retarding medium in the fourth dimension.
2. Presupposing the existence of such a medium, the constant application of the propulsive force would be necessary to maintain movement.
3. There exists a specific affinity or attractive force between the masses of one and the same, but not between the masses of different three-dimensional spaces, with a potential gradient (potential difference) parallel to the fourth dimension only. Such a force would not be detectable within one of the three dimensional spaces, but any craft leaving its space along the fourth dimension would have to overcome its pull.

If this force extends far enough the craft would have to counteract it constantly by its own propelling force.

That means that a UFO which stays within our space does so only by a constant (and energy consuming) application of this vector of its propelling force, which controls movement parallel to the fourth dimension. If this component breaks down (as a result of engine trouble, for example) the craft would be drawn back to the space from which it originated, i.e., a witness within our space would observe one of those enigmatic "disappearances".

It is this third assumption which provides a possible explanation for some peculiar characteristics of the UFO phenomenon.

## **Lack of Material Evidence**

Despite numerous landings, and occurrences which look very much like accidents, no durable and unquestionable material fragments of UFOs have been found. It is difficult, when considering the general behaviour of UFOs, not to get the impression that their occupants are not in the least afraid of the possibility that sudden engine trouble could surrender their crafts and their secrets to us.

But if in such an eventuality a UFO does disappear automatically from our space, it is understandable that the occupants are secure in the knowledge that they will not leave any material evidence, even in the worst of cases.<sup>2</sup>

## **Duration of Landings**

The majority of landings are reported to be short. A possible explanation for this is the above assumption that a UFO continuously consumes energy, even when it does not move with regard to our three dimensions.

## **Behaviour of Entities**

The entities seen in connection with UFOs nearly always stay in the vicinity of the craft. This would be particularly significant if the force which propels the UFO through the fourth dimension should actually be a force field, as I have assumed in my previous articles. As the force field extends beyond the craft itself, its occupants on the one hand would be able to leave it; on the other hand, however, they would carefully avoid going beyond the effective range of the force field for fear of dematerialisation, i.e., being drawn back into their space.

Maybe, however, the supposition that a force field propels a UFO through the fourth dimension is incorrect. In terms of modern physics, perhaps it would be more appropriate to say that a UFO produces a local four-dimensional deformation of its space, thereby extending itself into ours. The affinity or attractive force introduced in paragraph 3 would then be identical with the tendency of space to retain its original "natural" four-dimensional curvature.<sup>3</sup>

UFOs therefore are not necessarily means of transportation in the conventional sense of the word, but instead, they could be technical devices for the production of local spatial curvatures, which extend into the space to be contacted. Once this has been accomplished, beings from the other space could transcend into ours. This could explain those cases where entities have, as it is alleged, suddenly appeared near a UFO, apparently without having emerged through a door, hatch, etc.<sup>4</sup>

There is perhaps even a connection between this phenomenon and certain apparitions<sup>5</sup> and those who consider UFO reports to be nothing more than ghost stories may well be right, although not in the

sceptical sense, or the sense of ridicule in which this comparison is sometimes made.<sup>6</sup>

### The Dissipation of Angel's Hair<sup>7</sup>

When considering all the available reports, it seems to me a reasonable assumption that the dissipating angel's hair may be produced by UFOs. In this section I am therefore concerned with this possibility, although I by no means rule out the possibility that it may be some peculiar industrial waste product.<sup>8</sup>

The most obvious explanation for the often reported "dissipation" is that it is due to evaporation or chemical decomposition. But is the obvious explanation necessarily the correct one?

If angel's hair originates from the UFO, its substance being a part of the matter of the space from which the UFO comes, one must expect that it would dematerialise once it has drifted beyond the effective radius of the field component acting parallel to the fourth dimension.

There is a simple and inexpensive experiment by which, on some future occasion, the true nature of this dissipation may be determined. A container may be filled with this substance, and then hermetically sealed and weighed. If dissipation takes place, the container should be weighed again. A decrease in its weight would then indicate that dematerialisation has occurred. (By dematerialisation no disintegration is meant, but a disappearance by a movement parallel to the fourth dimension.)

A measurement of the pressure within the container before and after the dissipation could provide an additional control, particularly where the specific weight of angel's hair is very low. (A decrease in pressure would indicate dematerialisation.) The measurements will of course be less critical if the difference between the two results is great. Therefore as much as possible of the container's volume should be filled with the substance. As the volume of fibrous substances often seems to be much greater than it actually is, it would be advisable to squeeze as much as possible of it into the container.

The container itself, however, should not be too big, because one cannot be sure of obtaining enough of the substance.

As an experiment like this cannot be reproduced at will in the laboratory, and as in case of a positive result it would immediately be questioned, it would be important to have the measurements witnessed by competent individuals.

If the weight remains constant and an increase in pressure is found after the dissipation, then angel's hair is very likely a chemical combination of molecules of our atmosphere created by the physical conditions in the vicinity of the UFO<sup>9</sup>—if it has been produced by a UFO at all.

The third possibility is that angel's hair consists of chemical elements from the UFO as well as of components of our atmosphere. In this case it seems reasonable to assume that the chemical binding forces between the atoms of different spaces would defer the dematerialisation of those atoms not belonging to our space. Therefore such a combination could well be stable within our space for a certain time. It is possible that the body heat conveyed to the substance when it is handled stimulates the dematerialisation process by reduction of the chemical binding forces. Many reports point decidedly to this third possibility.<sup>10</sup>

This present essay, as well as my previous ones on the possible four-dimensional nature of the UFO phenomenon, should be regarded as preliminary attempts to account for its most enigmatic characteristics.

They originate from the basic attitude that we should not ignore or prejudge any of the reported aspects of the phenomenon. The necessity for my hypotheses therefore depends largely on the authenticity of the reports.

Considering the conformity of reports from different sources, however, I think I was well justified to undertake such attempts, especially as the presumed impossibility of a reported occurrence may well result in the premature dismissal of important reports.

### Notes

<sup>1</sup>*UFOs and the Fourth Dimension*, FLYING SAUCER REVIEW, March/April, 1963 and January/February, 1964.

<sup>2</sup>In 1957 an engineer and a contractor who were in their car near Faverges (Haute Savoie, France) saw a round object moving in a zig-zag course along the street. As they were forced to slow down, they watched it carefully. Suddenly the object, which they had first taken for an "Isetta" (an Italian midget car), disappeared in full view. One could think of a so-called inferior mirage, but the place and time (25 November, 2.30 p.m.), as well as the perfection and apparent solidity of the "image", render this hypothesis extremely improbable.

<sup>3</sup>Was the oscillatory motion preceding the disappearance an indication of engine trouble?

(Source: "*Dauphine Libere*, Grenoble, 12 November, 1957/ "*Weltraumbote*" Zurich, January/February, 1958).

<sup>4</sup>According to the theory of relativity the general curvature of a space depends on the mass density within it. Space resists any alteration of this general curvature. Local mass concentrations, however, may produce local curvatures, i.e., gravitational fields, comparable to four-dimensional bulges or protrusions. As the German physicist Pascual Jordan has demonstrated, the development of such a protrusion may even reach a stage where it separates itself completely from the original space, after which the latter retains its general curvature. The mass concentration responsible for this occurrence exists now in a new space, which has no connection with the other. An observer in the original space would have observed a complete disappearance or dematerialisation.

I must point out that I am the very last to overlook the difficulties in applying a similar explanation to the UFO-phenomenon.

The mass concentrations demanded by the theory for the production of protrusions extending to a distant space would be immense. (If there really are different three-dimensional spaces embedded in a four-dimensional continuum, the mere fact of their stable and independent existence, as well as the apparent absence of any natural interference between them, would imply that the distance between this space is of an order of magnitude beyond that of the spatial protrusions corresponding to common gravitational fields.)

However, nobody can say whether mass concentrations are the only way to produce gravitational fields, or whether this could not also be accomplished by a technological process. Certainly I know that the majority of scientists think little of this idea (Professor Menzel spoke of it as the "G-field myth"). But for many long years people were equally firmly convinced that aerostatic (lighter-than-air) flight was the only possible method of flight. Ingenious calculations proved that aerodynamic (heavier-than-air) flight was impossible, although its possibility was being demonstrated all the time by every bird that flew.

(continued on page 18)