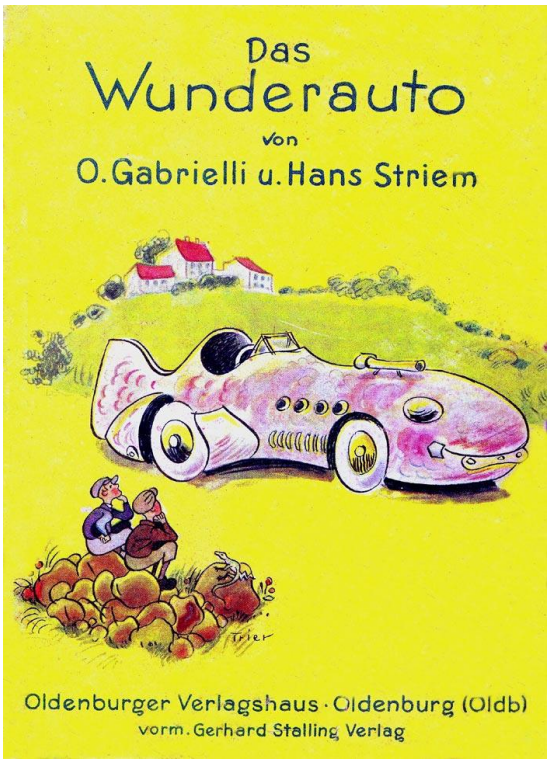
# GMO-Bird Automobile

Told first time by Dr. Michal Striem in May 2018.

My grandfather, my father's father, Hans Striem, wrote the book "Das Wunderauto" (the wonder vehicle) in German and it was translated to French and Hebrew.

It was published first alost 100 years ago.

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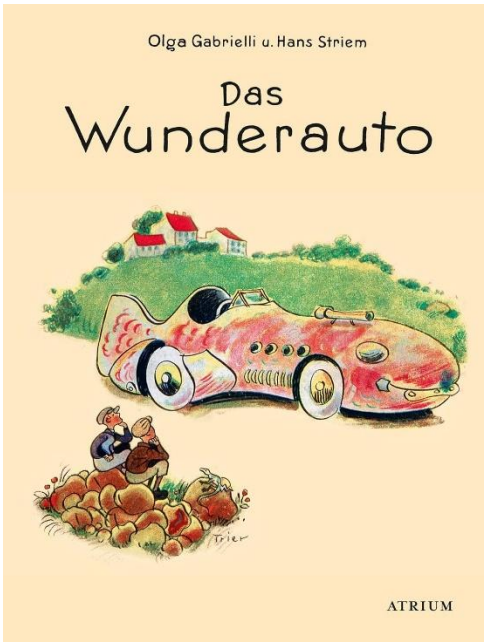


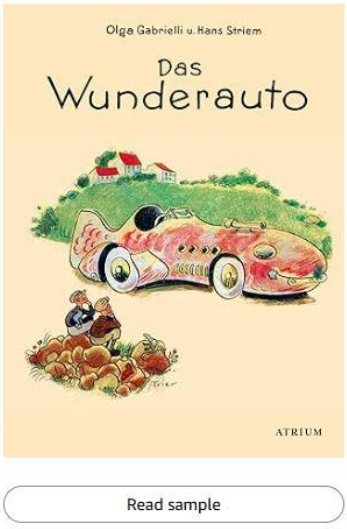


**Das Wunderauto** Hardcover – 28 Feb. 2019

by Olga Gabrielli (Author), Hans Striem (Author), Walter Trier (Illustrator)

5.0 ★★★★★ (6) See all formats and editions

Dieser zeitlose Klassiker aus dem Jahr 1930, illustriert vom großen Walter Trier, galt lange Zeit als verschollen. Jetzt erscheint er in neuer Ausstattung, um von kleinen und großen Lesern (wieder)entdeckt zu werden.

Lutz hat es am letzten Schultag vor den Ferien mächtig eilig. Er hat verschlafen, und ausgerechnet heute will er ganz und gar nicht nachsitzen müssen. Zum Glück hält ein Mann mit seinem Auto an, der sich als Herr Eidechs vorstellt und Lutz zur Schule bringen will. Doch dann entpuppt sich das Auto von Herrn Eidechs als Wunderauto. Es hat unzählige Schalter und Hebel, und ist nicht nur rasend schnell, sondern kann auch über Steine springen, fremde Schlösser öffnen, und die Hupe spricht sogar alle Tiersprachen. Als Herr Eidechs Lutz zum neuen Besitzer des Wunderautos macht, lädt dieser seinen besten Freund zu einer Spritztour ein. Mithilfe des Wunderautos stellen die beiden die Stadt ganz schön auf den Kopf …

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| Reading age | Print length | Language | Dimensions | Publisher |
|---|---|---|---|---|
| 8 - 10 years | 208 pages | German | 15.4 x 2.5 x 20.3 cm | Atrium Kinderbuch |

See all details



**Disclaimer:** This idea is completely mine. AI has now been applied to further develop it.

With his inherited imagination, combined with my limited scientific knowledge, mainly in biology and molecular genetics, I wish to present to you the next possible generation of people's transportation device.

**The GMO-Birdmobile.**

The thing may end up with a different name tag as I believe it will still develop into more than just a bird. Imagine a huge Pelican…

Pelicans age among the larger size birds which also happen to have huge beaks to catch fish and large wings to allow migrations over continents.

## On Wings That Breathe

*Notes toward a non-living flying organism. It's a thought I couldn't unthink.*

Written by Dr. Michael Striem in December 2025 (see disclaimer in footnote)

Long before I began thinkinh seriously about flight, engineering, or artificial intelligence, the idea was already waiting for me. It lived quietly on a bookshelf, in a book my grandfather wrote in Germany, before I was born, titled The Wonder Vehicle. I did not grow up building machines from its pages, but the seed remained: the sense that movement, freedom, and intelligence might one day be assembled differently than we expect.

Only much later did the question return, reshaped by biology and physics rather than fantasy: What if a flying vehicle borrowed structure from living systems—without being alive at all?

This is not a design nor a proposal, but an exploration of how biological logic and engineered systems might meet. It is an attempt to follow an idea far enough to see where it becomes plausible.

I imagine a flying machine whose wings do more than lift. On their upper surface, they harvest diffuse solar energy—not as a primary engine, but as a quiet background metabolism, supporting sensors, control, and self-maintenance. On their lower surface, shaped by airflow and pressure, the wings assist in drawing air inward—not to breathe in the biological sense, but to manage gases efficiently, using the very physics of flight as part of the system.



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Inside, there are no lungs, no blood, no digestion. Those are evolutionary solutions to scarcity. An engineered system has the luxury of clarity. Oxygen can be handled chemically or physically in closed loops. Energy can be stored electrically or in compact fuels. Circulation becomes fluidic and electrical, driven by pumps and gradients rather than hearts. Waste is not excreted; it is vented, cooled, or transformed.

Nothing here is alive. Nothing feels pain or pleasure. And yet, the architecture is unmistakably biological.

The hardest part to replace is not muscle or metabolism, but instinct. Birds do not fly because they calculate; they fly because their bodies know what to do before thought arrives. Stability, efficiency, and survival emerge from layered reflexes shaped by physics long before cognition.

A machine does not need consciousness to do this. It needs reflexes faster than thought, learned behaviors shaped in simulation, and higher-level planning that never interferes with balance. Intelligence, in this sense, is not awareness — it is restraint.

In this vision, computers do not replace the brain tissue, they replace instinct. Artificial intelligence is not asked to understand flight, only to preserve it. There is no fear, no curiosity, no desire, only the continuous correcting motion in a turbulent world.

I am aware that ideas like this can drift too easily into science fiction. That is why I leave many doors deliberately closed. There are no materials listed here, no dimensions, no performance claims. Those belong to a different stage, and perhaps to different hands.

For now, this page serves a quieter purpose: to mark a moment of synthesis. A place where my childhood inheritance, biological observation, and modern engineering intuition briefly aligned.

If anything comes of this, it will grow from here. If nothing does, the idea has still completed its journey, returning flight to where it often begins not in equations, but in wonder. Let me briefly go into some imaginary details.

The DNA is the “blueprint” of all living creatures. The GMO-Birdmobile were also produced by genetically modified DNA, A true, complete, non-living GMO.

First, we need to increase the size of the bird to about the size of a small car. The DNA should be altered to make this creature become to “life”, not literary but metaphorically.



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Second, we need to address basic features of this creature.

- Strong bones,
- feathers which can absorb sun energy.
- The brain needs to be replaced to connect cordlessly with computers.
- The eyes replaced with digital cameras and connected to visual software.
- The blood system replaced with a different system to distribute energy to the muscles.
- The whole digestion and breathing systems could be canceled.
- This should allow a large volume of the body to be available for the passenger.

As birds hatch eggs, this one needs a huge “egg” in a huge “nest”.

The “egg” is actually a nice and cozy, specially designed room in the “nesting” factory. This “egg-room” will be filled with the materials needed to compile the GMO-Birdmobile. Especially the blueprint – the modified DNA.

With the right conditions, temperature and solutions of the needed metals, salts, oxygen, hydrogen, nitrogen, whatever would be needed. Probably some agitation, rolling and mixing would be needed as well.

After “a while” the fledgling will hatch. The “eggshell” walls will be opened, and the owner of the GMO-Birdmobile will at the right place at the right time for the imprinting to occur. Probably some excitement, love, affection and sympathy will take place to strengthen the bond.

Now, some training and calibrations will need to be applied, to install hardware and complete pairing with outside devices.

Now, imagine you do not need a parking place down next to your house. You can land directly on your 15th floor balcony, or on top of your penthouse. All you need is a proper “nest” and electrical charging ability.

Imagine more than one GMO-Birdmobile are produced.

They will naturally have the capabilities of flying, even in coordinated schools, for long-distance migration. They will have the capabilities of communicating with one another, and to “know” their location, their home.

I can imagine that the manufacturing companies will be able to develop other models as well, such as storks, cranes, eagles, hawk and more.

My 6 grandchildren are now 1-15 years old. I strongly believe that they could, in their lifetime, own such vehicles 😊