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The Importance of Bionic Style in the Interior

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Abstract: The usage of bionic components in interior floors, walls, and ceilings, the properties of color and materials in lighting, and the ornamental decorating of bionic interiors are all discussed and analyzed in this scholarly study.

The bionic fashion is brand-new and in keeping with consumer desire and it is gaining popularity year after year. The interaction between nature and the world of modern technology is at the core of his concept. Naturalness and futurity are combined in this look. It also has the added benefits of being cozy, useful, and breathtakingly gorgeous. It is implied by the term "bionics" that there is an abundance of both light and space, which combined create a welcoming and adaptable atmosphere within.

When individuals started considering resource efficiency and environmental safety, bionic fashion rose to popularity alongside the growth of eco-friendly fashion. Due to its connection to live nature and use of scientific advancements, this approach sets itself apart from other sectors.

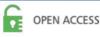
History of bionic style. Antonio Gaudi, a Spanish architect, was the first to lead this movement. He fashioned structures and cave openings that resembled plant tissue. This style first appeared in the world of interior design around the turn of the 20th century, but it wasn't until 50 years later that it reached its peak. It took mankind fifty years to come to terms with this concept.

The citizens of large cities now firmly embrace this fashion in their hearts and souls. Authenticity and naturalness without overt pomp and spectacle are now considered traditions. The day has come when everyone is sick of living a false existence and always acting hypocritically, when everyone is simply concerned with their own comfort. People were able to retreat to a haven of peace and tranquillity in the evening thanks to the interior's utilization of natural interpretations of contemporary technology. However, because there aren't as many living plants, you may avoid bothering them too much and wasting your time taking care of them. This is a fantastic combo for the twenty-first century. a comforting and undemanding kind of nature. The bionic design embodies this notion of fixing modernism.

Rules for creating an interior in the style of bionics. Designers are urged to explore the surrounding natural landscape for inspiration. Natural hues, delicate silhouettes, changes in form, and dynamic shapes create the direction's foundation. Futuristic expressive components support the bionic approach.

Unique features.

- ➢ Home furniture
- ➢ Kitchen sets
- Living rooms
- Corridors
- > Lighting



Bionics is an innovative and interesting area with unique traits that set it apart from others.

Bright color palette. Natural, muted, pastel colors like wood grain, sand, light liver, and yellow are welcome.

Smooth lines. You won't find rigid, geometric straight lines like those seen in nature in bionics. The key objective here is to use cutting-edge tools and materials to appreciate the beauty and freshness of the surrounding surroundings. As a result, there are no obvious boundaries between rooms in this design, and all interior furnishings are unique. The shift from one functional area to another is seamless. There aren't any stark contrasts or visibly acidic stains in this image.

Imitation of natural textures. Cells, grids, holes, and bubbles are chosen. Everything found in nature is incorporated into this style by the designers. particularly the upholstery, shape, or ornamentation of furniture. At the greatest degree, convenience and warmth combined seem really creative.

Materials. The assumption that the directive only permits the use of natural materials is incorrect. Polymers, thermoplastics, liquid wallpaper, and other contemporary materials with a soft texture don't need special maintenance when used for interior décor.

Bionic - It makes sense to presume that the materials used for décor are the most cutting-edge since they combine new technology and nature. For example:

- New development. A glass that becomes less and more transparent depending on the external temperature and conditions.
- > *MDF and DSP*. Embossed and structured panels and coverings.
- > Thermoplastic
- Surface finishing

Of course, there are also time-tested materials that may be utilized with pleasure in addition to cutting-edge modern ones, such as wood, stone, glass, and metal coatings. Leather that is both real and fake, glass and chrome accents, translucent plastic, and sturdy thick glass.

As you can see, the variety of materials is fairly broad, therefore there are no limitations on the selection of intriguing concepts and design solutions.

Furniture and interior decoration. Bionic-style furniture will be extremely bright. Their form, not their color, serves as a reflection of this. They have an extraordinarily smooth form, are futuristic (future-shaped), and are constantly the center of attention. It is also incredibly cozy, useful, and comfy.

Additionally conceptual in nature, wavy, and transitioning from one smooth line to another are decorative decorations. A clock on the wall that resembles the leaves of exotic plants, drop-shaped wall or floor lights, and other lovely and interesting decorations. Considering that this design aims for natural perfection, live plants should be put in pots.

The module idea is highlighted in this context. To fill the space with the essential components, the design suggests using modular furniture, which is simple to join with one another. Objects that mix many forms simultaneously are known as transformative (transformers) items. It is preferable to have furniture produced based on projects with unique design as the furniture displayed in stores seldom ever fits the bionic style.





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Lighting. Bionics entails an abundance of light. At the same time, a lot of room needs to be allotted for huge windows that let in natural light during the day as well as several lamps for the evening and at night. In order to prevent direct radiation, artificial light sources should be installed around the room's perimeter. This will generate a gentle backlight. A diffused light that resembles daylight is the main objective.

Innovative built-in or floor lights with modular components that have a distinctive body design are particularly appealing. They are positioned to highlight the interior accent pieces and brighten all of the room's gloomy corners.

In this design, LED lighting fixtures are also often employed. They should have translucent glass coverings since they are mounted directly on the floor or installed above it. They also appear odd below the furniture. This gives the appearance that light is rising from the ground.

Limiting the quantity of natural light entering the home is not something we advise. Rather, using thick, heavy drapes is not advised. The bionic style's appearance of lightness and airiness is utterly destroyed by them. Limiting yourself to clear, light fabrics that provide a touch of charm and comfort works nicely.

The preferred texture is light, "airy," and delicate. Fabric items don't draw attention, but they also foster a serene, quiet atmosphere that is evocative of the harmony and beauty of nature.

The colors and textures of textile designs are intended to be as natural as possible. Its results have a significant influence as well. The bionic style does not at all support curtains, in particular. However, if you feel uncomfortable without them, it is best to go for light, airy textiles that enhance the warmth and vibrancy of natural light. Additionally, textile components should be undetectable and smooth. They are there to fill the space rather than call attention to themselves.



Textile accent details in the interior of the bionic-style living room.



Walls. Wallpaper that resembles stone, marble, or genuine stone is used to cover surfaces. Inserts made of glass or mirror might be imaginative additions. It is advised to adorn a portion of the wall with wood or wood-look panels to create a cozy ambiance.

Floor. Glossy or reflective flooring contrast beautifully with natural wall coverings. Instead, the use of liquid wallpaper, wall panels, "natural" flooring like stone, parquet flooring, and styled tiles will contribute to a balance between the advancement of technology and the beauty of nature.

Ceiling. The architecture of large buildings in the bionic style favors multi-level, "complex" ceilings with smooth shapes and order. Multi-stage surfaces don't look well in a compact area and actually "squeeze" it more. Smooth stretch ceilings are preferable if the flat has just been furnished. It is possible to create an attractive impression of "light and shadow games" that give softness and dimension to the space by illuminating the ceiling region with concealed lighting sources.

This design approach actively uses plant patterns. The spectrum of white-green hues denotes the presence of real or synthetic vegetation.



Application of decorative plants in bionic interior.

The pattern that connects the plants on the wall will become more creative and non-standard if tall plants are added. The interior will be shown in a unique way if a carpet-like grass is set out on the floor.

An intriguing aesthetic is the use of soft, formless chairs or simple floor bags. They add a puddleshaped low coffee table and a transitional stain to them. One of the walls might be entirely alive, with vegetation covering the whole surface from floor to ceiling. Plants made of artificial volume are also acceptable.

Above the dining table, lights with balloon shapes look fantastic. Emerald green, wood, light liver, gray, and white tones look really beautiful together.

Windows and doors. The inside is made lighter and more airy by using a circular arch in place of a door. Windows in the bionic design are large, have rounded corners, and let in ample light. Designers advise against using drapes to conceal windows. Modern modular curtains or blinds are picked if it's important to make the space somewhat gloomy.

Colors. All of the natural colors—sand, grass green, sky blue, wood, and stone—dominate the bionic aesthetic. Accents may be created with contemporary materials like glass and metal surfaces, which have bright, shining textures.



The absence of distinct zoning is one of the ways that bionics vary from other current fashions. On the contrary, the interior is "built" such that one space flows into the next, making the changeover obvious to the eye. This "invisible border" is created with thematic gantry patterns.

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