

QIZLAR KO'YLAGIDA TRANSFORMATSIYA QO'LLASH VA UNING AHAMIYATI

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Annotatsiya: Ushbu maqolada o'zgaruvchan transformatsiya uslubidagi kiyimlarni loyihalash masalasiga qaratilgan bo'lib, uni ishlab chiqarish texnologiyasi muhokama qilinadi. Xolati o'zgartirilgan kiyim konstruksiyalari va elementlarini loyihalash xususiyatlari ko'rib chiqiladi. Zamonaviy dizaynning maqsadi va vazifalari ekologik va iqtisodiy yo'naliш bilan bog'liq holda o'zgaruvchan kiyimlarni loyihalash. Maqolada kiyimning transformatsiya uslublaridan foydalanish har qanday vaziyatda zamonaviy bo'lib o'zgarishiga imkon berishi ko'rsatilgan.

Kalit so'zlar: Dinamika, gardirob, universal, funksionalist, konstruktor, ekalogiya, transformer, yassi bichim metodi, modulli metod, kinetizm, kombinotiriya, o'girish, almashtrish.

Bizning dinamika va energiyaga to'la hayotimiz, vaqt tig'izligi asrida garderobda barcha holatlar uchun – ish uchun ham, dam olish uchun ham mos bo'lgan bir nechta universal liboslar bo'lishi juda muhim va qulaydir. XX asrning 20-yillaridanoq ko'pfunksiyali buyumlarni loyihalash vazifasi dizayner va konstrukturlar oldiga qo'yildi. Ushbu yo'naliш tarafdarlari "funksionalistlar" nomi bilan atala boshlandi. Ularning universal buyumlarni yaratishga qaratilgan harakatlari inson ehtiyojlarini qondiribgina qolmay, balki o'sha paytda jamiyat oldida turgan ekologik vazifa – resurslarni tejash imkoniyatini ham taqdim etardi. Shu tariqa transformer-buyumlar yaratila boshlandi. Faol turmush tarzi, ko'p sayohat qilish, ob-havo sharoitlarining o'zgarishi va har doim chiroyli ko'rinishga intilish transformer-kiyimlar yaralishiga asos bo'luvchi shartlardir. Transformatsiyalanuvchi obyekt "qayta konstruksiyalanish" asosida yangi estetik va kostruktruktiv holatni olishga qodir bo'ladi.

Transformatsiyalanuvchi kiyim – bu turli buyum ko'rinishlariga aylana oladigan yoki xususiyatlarini o'zgartira oladigan harakatlanuvchi tuzilma.

Transformatsiya – bu ma'lum buyumning mavjud xususiyatlari, shakli, ko'rinishining o'zgarishi, almashinishi. Bu obyektning mavjudlik yoki ekspluatatsiya jarayonida o'zining dastlabki shakl va parametrlarini o'zgartira olish xususiyatidir.

Transformer kiyim – bir kiyimni bir necha vaziyat uchun almashtirib kiyish, yagona nusxadagi kiyimning ko'plab variantlarini yaratishdir (2-rasm).

Transformatsiyalanuvchi kiyimlar loyihalashning turli usullari mavjud. Ular quyidagicha:



1-rasm. 3d xolatda transformatsiyalanuvchi libos.

- ❖ “cho’zilish-qisish” – transformatsiyalanish buyum chiziqli o’lchamlarining o’zgarishi hisobiga amalga oshadi, bu usulda yuqori elastiklikka ega bo’lgan matolarni qo’llash tavsiya etiladi;
- ❖ “ajratish-qo’shish” – alohida yechiluvchi detallarni qo’llash hisobiga yangicha ko’rinish olish (jiletga yeng o’rnatish hisobiga kurtkaga aylanish);
- ❖ ♣ “tartibga solish-yig’ish” – turli fiksatorlar, bretel, xlyastik va boshqalar hisobiga uzunlik, shakl, yopishish darajasini o’zgartirish;
- ❖ ♣ “o’rash-yoyish” – buyum alohida elementlarining hajm va shakllarini o’rash-yoyish hisobiga o’zgarishi. Masalan, yeng uzunligi, yoqa hajmi kabilar;
- ❖ ♣ “yo’qolish-paydo bo’lish” – buyumning maxsus “cho’ntaklari” dan alohida elementlar yoki detallarning paydo bo’lishi, masalan, yig’iluvchi kapyushon.
- ❖ “almashtirish” – bir elementning yechilib, o’rniga boshqa element ulanishi, masalan, uzun yeng o’rniga kalta yeng;
- ❖ “o’girish” – teskari o’girish hisobiga buyumning yangicha ko’rinishiga erishish;
- ♣ “ko’chirib o’tkazish” – buyumning joylashuv chiziqlarini o’zgartirish, masalan, yelka chizig’idan bel chizig’iga. Quyidagi transformatsiyalash metodlari mavjud:
 - ❖ Yassi bichim metodi.
 - ❖ Modulli metod.
 - ❖ Kinetizm.
 - ❖ Kombinatoriyali metod.

Transformatsiyalanuvchi kiyim shuningdek turizm uchun ham ayni muddaodir. Har bir sayohatchi yo'l sumkasidagi buyumlarning har bir grammi qanchalik ahamiyatli ekanligini juda yaxshi biladi. Shuning uchun ham bagaj og'irligini va ekspluatatsiyasini yengillashtiruvchi bunday kiyimlar juda qulay. Qulaylik va funksionallikdan tashqari transformatsiyalanuvchi kiyim sayyoraning ekologik holatiga ham ijobjiy ta'sir ko'rsatadi. Sayyoraning ifloslanishi to'g'ridan-to'g'ri 204 kiyim ishlab chiqarish masshtabi va darajasiga bog'liq. Shuning uchun ham kiyimning ko'pfunksiyali bo'lishi va bir model o'zida bir nechta obrazlarni jamlay olishi odamlarni doimiy ravishda garderobini to'ldirish ehtiyojidan saqlaydi. Natijada insonlarda mas'uliyat va javobgarlik fazilatlari ham tarbiyalanib boradi.

2-rasm. Kiyimda transformatsiya qo'llash.



Xulosa: Transformatsiyaning afzalligi sifatida birinchi navbatda uning ko'pfunksiyaliligi va turli faoliyat doiralarida qo'llanilishini ta'kidlash lozim. Masalan, qutqaruvchilar, shifokorlar, o't o'chiruvchilar, sportchilar faoliyati uchun mos keladi. Lekin shunga qaramay, transformatsiyalanuvchi kiyimning kundalik hayotdagi ahamiyati ham oz emas. Garderobida hech bo'lmasa bitta shunday kiyimi mavjud bo'lgan odamning hayoti birmuncha yengillashishi tayin.

FOYDALANILGAN ADABIYOTLAR;

1. Valiyev.G.N, Berdiyeva.R.A. O'QUVCHILARDA KREPDESHIN MATOSI ASSORTIMENTI TUSHUNCHASINI TURLI METODLAR ORQALI O'QITISH. FARPI "YENGIL SANOAT TARMOQLARI, MUAMMOLARI, TAXLIL VA YECHIMLARI" Respuplika ilmiy-amaliy anjumani konferensiysi 2022

2. Berdiyeva.R, Abduraximova .M. "NOTIPAVIY QOMATLI AYYOLLARNING O'LCHAMLARI VA TANA TURLARINING FARQLANISHI" SCIENCE AND INNOVATION INTERNATIONAL SCIENTIFIC JOURNAL 2022

3. Tursunova X.Sh, Berdiyeva R.A. "TEENAGE GIRLS' RANGE OF MODERN DRESSES." Results of National Scientific Research SCIENTIFIC-METHODICAL JOURNAL 5 noyabr.2022
4. Valiyev.G.N,Berdiyeva.R "O'SMIR YOSHDAGI QIZLARGA ZAMONAVIY KIYIM ASSORTIMENTLARI UCHUN TAVSIYALAR" NAMTI xalqaro konferensiya "Tikuv-trikotaj sanoatida innovatsion texnologiyalar, ishlab chiqarishdagi muammo, tahlil va sohani rivojlanish istiqbollari" 7 окт. 202
5. Sadiqovna, A. M. (2022). Determining the Type of Clothing Suitable for Women With An Non Typical Figure. Texas Journal of Engineering and Technology, 10, 22-26.
6. Sodiqovna, A. M., & Abduqodirovna, B. R. N. (2022). NOTIPAVIY QOMATLI AYYOLLARNING O'LCHAMLARI VA TANA TURLARINING FARQLANISHI. Science and innovation, 1(A3), 284-288.
7. Jakhongirovna, X. D. (2022). Modern Transformation Methods of Sewing Preschool Children's Clothes. European Multidisciplinary Journal of Modern Science, 5, 193-199.
8. Jaxongirovna, X. D. (2022). BOLALAR KIYIMLARI TIKISHNING TRANSFORMATSIYA USLUBLARI. MODELS AND METHODS FOR INCREASING THE EFFICIENCY OF INNOVATIVE RESEARCH, 2(13), 255-259.
9. Xoziyev A, Xoshimova M. "Ipak matolaridan foydalanib, ayollar koftasini tikish texnologiyasini takomillashtirish". // "Fan va texnologiyalar taraqqiyoti". Ilmiytexnikaviy jurnal. №8/2020. 123-128-bet.
9. Baxtiyorovna, N. B. (2021). Analysis of New Assortments of Women's Dresses Made of Knitted Fabric. Central asian journal of arts and design, 2(11), 4-8.
10. Baxtiyorovna, N. B. (2022). The features of pattern formation on flat knitting machines. International Journal of Advance Scientific Research, 2(02), 1-11.
11. Nizamova, B. B. (2022). Changes in the structure of knitted fabrics. Innovative Technologica: Methodical Research Journal, 3(01), 52-57.
12. Baxtiyorovna, N. B. (2022). Development of Structures of Double Patterned Weaves With Elements of Press Loops With A Geometric Pattern. Eurasian Research Bulletin, 14, 175-181.
13. Мирбобоева, Г. А., & Урмонова, Н. К. (2019). Изделие-объект художественного мышления. Вестник науки и образования, (20-3 (74)), 44-46.
14. Maxmudjon, T. (2021). The figurative expression of the composition of costume. Innovative Technologica: Methodical Research Journal, 2(10), 38-42.
15. Tursumatova, S., & Kholmatova, M. (2023). ANALYSIS OF THE RANGE OF CHILDREN'S CLOTHING OF VARIOUS FIBER COMPOSITION. Conferencea, 86-92.
16. Mamatqulova, S., & Tadjikuziyev, R. (2020). Метод оцінки рівня кваліфікації ремонтних роботників підприємства автомобільного обслуговування. Логос. Мистецтво Наукової Думки, (10), 41-44.
17. Maxamatov, A. M. O. G. L., Ismoilova, D. S., & Mamatqulova, S. R. (2021). Improving the system of electrical equipment of cars on the basis of adaptive power converters. Science and Education, 2(2), 110-114.

18. Mamatqulova, S. R., Nurmatov, D. X. O., Ergashev, M. I. O., & Moydinov, N. X. O. G. L. (2020). The influence of the qualification of repair workers on the efficiency of technical operation of automobiles. *Science and Education*, 1(9), 193-197.
19. Raxmatovna, M. S. (2021). The description of perspective fashion trends in men's clothing. *Innovative Technologica: Methodical Research Journal*, 2(10), 15-20.
20. Tadjikuziyev, R. M., & Mamatqulova, S. R. (2023). Metal kukunli (poroshokli) maxsulotlar texnologiyasi. *Science and Education*, 4(2), 650-659.
21. Tadjikuziyev, R. M., & Mamatqulova, S. R. (2023). Rezina va nometal qismlarni ishlab chiqarish texnologiyasi. *Science and Education*, 4(2), 638-649.
22. Raxmatovna, M. S. (2022). Analysis of women's clothes sewing-a study to develop a norm of time spent on the technological process of knitting production. *International Journal of Advance Scientific Research*, 2(03), 16-21.
23. Raxmatovna, M. S. (2022). Research on the development of norms of time spent on the technological process of sewing and knitting production; basic raw materials, their composition and properties. *Innovative Technologica: Methodical Research Journal*, 3(03), 28-32.
24. Валиев, Г. Н. (2015). Аналитическая зависимость пространственного распределения давления слоя крестовой намотки на её основание по мере формирования паковки. *Физика волокнистых материалов: структура, свойства, научные технологии и материалы (SMARTEX)*, (1), 212-216.
25. Маматкулов, Р. С. (2020). Особенности формирования готовности будущих педагогов к инновационной деятельности средствами информационных технологий. *Academic research in educational sciences*, (2), 349-354.
26. Ulugboboyeva, M. M., & Tursunova, X. S. (2021). Ways to solve problems in the production of knit wear. *Asian Journal of Multidimensional Research*, 10(9), 29-33.
27. Tursunova, X. S., & Rahmatovna, M. S. (2020). Ayollar paltosi uchun gazlamalar taxlili. In 3 rd international congress of the human and social science researches (itobiad).
28. Raxmatovna, M. S. (2022). Analysis of women's clothes sewing-a study to develop a norm of time spent on the technological process of knitting production. *International Journal of Advance Scientific Research*, 2(03), 16-21.
29. Tursunova, X. S. (2021). Study of Preliminary Design Work for the Selection and Manufacture of Fabrics Based on the Analysis of School-Age Girls' Clothing. *ISJ Theoretical & Applied Science*, 11(103), 568-572.
30. Hamidullo o'g'li T. H., Kamolovich B. E. IMKONIYATI CHEKLANGAN O 'QUVCHILAR BILAN ISHLASH TAJRIBASI //Scientific Impulse. – 2023. – Т. 1. – №. 7. – С. 648-653.
31. Zokirov, S. I., Sobirov, M. N., Tursunov, H. K., & Sobirov, M. M. (2019). Development of a hybrid model of a thermophotogenerator and an empirical analysis of the dependence of the efficiency of a photocell on temperature. *Journal of Tashkent Institute of Railway Engineers*, 15(3), 49-57.

32. Горовик, А. А., & Турсунов, Х. Х. У. (2020). Применение средств визуальной разработки программ для обучения детей программированию на примере Scratch. Universum: технические науки, (8-1 (77)), 27-29.
33. Tursunov, H. H., & Hoshimov, U. S. (2022). TA'LIM TIZIMIDA KO'ZI OJIZ O'QUVCHILARNI INFORMATIKA VA AXBOROT TEXNOLOGIYALARI FANIDA O'QITISH TEXNOLOGIYALAR. Новости образования: исследование в XXI веке, 1(5), 990-993.
34. Hamidullo o'g'li, T. H. (2022). HOZIRGI KUNNING DOLZARB IMKONIYATLARI. JAWS VA NVDA DASTURLARI. Scientific Impulse, 1(2), 535-537.
35. Maripdjanovna, U. B. M., & Xilola, T. (2022). Problems of automation of technological processes of sewing manufacturing. Galaxy International Interdisciplinary Research Journal, 10(1), 550-553.
36. Tursunova, K., & Fozilov, S. (2022). Research on the Development of Daily Clothing Sets for Teenage Girls from BI-Component Knitted Fabrics. Periodica Journal of Modern Philosophy, Social Sciences and Humanities, 12, 26-28.
37. qizi Tursunova, X. S., & Ruzimatova, O. (2022). AYOLLAR PALTOSI TEKSTURASI TAXLILLARI ASOSIDA MODEL YARATISHNING AHAMIYATI. Results of National Scientific Research International Journal, 1(7), 246-250.
38. Nazarova, M., Kayumov, J., & Tursunova, K. (2023, June). Development of heating coats in Uzbekistan on the basis of analysis of the technologies of local wool fibers processing in small enterprises. In AIP Conference Proceedings (Vol. 2789, No. 1). AIP Publishing.
39. Турдиев, М. (2020). Новая технология подготовки нитей основы к ткачеству при выработке тканей крепдешин New technology of preparing of basis threads for weaving in the production of crepe fabric. In Научная Конференция (р. 147).
40. Хомидов, В. О., Валиев, Г. Н., & Турдиев, М. (2018). Устройство для испытания натяжных приборов текстильных машин. In Дизайн, технологии и инновации в текстильной и легкой промышленности (ИННОВАЦИИ-2018) (pp. 89-92).
41. Qaxxorovich, N. Q., Juraevich, Y. N., Nozimjonovna, O. I., & Baxtiyorovna, N. B. (2021). The Perspective Directions For The Development Of Sericulture. The American Journal of Engineering and Technology, 3(09), 24-27.
42. Obidovich, H. V., & Jurayevich, Y. N. (2021). The use of inexpensive non-woven materials as thermal insulators in the installation of floor heating units. Asian Journal of Multidimensional Research, 10(10), 138-142.
43. Набиев, К. К., Якубов, Н. Ж., & Ниязалиева, М. М. (2019). Пути повышения надёжности нити при стачивании швейных изделий. Вестник науки и образования, (20-3 (74)), 14-16.
44. Abdullaev, M. M. (2022). Features of calculating the consumption of raw materials in the production of terry fabrics on rapier LOOMS. International Journal of Advance Scientific Research, 2(07), 1-9.

45. Mamadjanovich A. M. GAZLAMALARING HAVO O 'TKAZUVCHANLIGI HAQIDA //International Journal of Contemporary Scientific and Technical Research. – 2022. – C. 273-276.
46. Abduraximova, M. (2022). NOTIPAVIY QOMATLI AYOLLARGA MOS TUSHUVCHI KIYIM TURINI ANIQLASH. Естественные науки в современном мире: теоретические и практические исследования, 1(18), 41-45.
47. Uralov L. et al. Analysis of the effect of technological parameters of physical and mechanical indicators of two-layer knitted fabrics //AIP Conference Proceedings. – AIP Publishing, 2023. – Т. 2789. – №. 1.
48. Nozimjonovna O. I., Xusanboyevna I. D. ZAMONAVIY TRIKOTAJ TO 'QIMALARINING HOZIRGI KUNDAGI AHAMIYATI //Новости образования: исследование в XXI веке. – 2022. – Т. 1. – №. 4. – С. 577-580.
49. Maxmudjon, T., Abdusattorovna, M. G., & Qosimjonovna, U. N. (2021). The Relationships between Constructive and Technological Solutions in the Creation of Clothes. Central asian journal of arts and design, 2(11), 55-59.
50. Qaxxorovich, N. Q., Juraevich, Y. N., Nozimjonovna, O. I., & Baxtiyorovna, N. B. (2021). The Perspective Directions For The Development Of Sericulture. The American Journal of Engineering and Technology, 3(09), 24-27
51. Husanqizi, S. M., Ubaydulloyevna, Y. D., & Valiyevich, H. J. (2021). Analysis of the development of older women's clothing of different subcultures (On the example of muslim women's clothing). Asian Journal of Multidimensional Research, 10(9), 377-381.
52. Tursumatova, S., Tursunov, D., & Isroilova, N. (2023). Research on the Production of Special Clothing for Car Repair Workers, Taking into Account Human Ergonomic Characteristics. Eurasian Research Bulletin, 17, 204-209.
53. Sh, T. X., Nizamova, B. B., & Mamatqulova, S. R. (2021). Analysis Of The Range Of Modern Women's Coats. The American Journal of Engineering and Technology, 3(09), 18-23.