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Photographic Images and the Transformation of Realism in Contemporary Printmaking: Woodcut Practices after the Pictorial Turn

Yujie Yan[1], Dr Siti Mariam Bt Mat Nor[2]

[1]*Faculty of Creative Industries, City University Malaysia, China, zoeszy@qq.com*

[2]*City University Malaysia, Malaysia, siti.mariam@city.edu.my*

Abstract

Introduction:

Realism has historically depended on the artist's capacity to translate perceptual experience into structured pictorial form. In contemporary printmaking, however, photographic images increasingly function as primary references in the development of realist compositions. This article investigates how the growing use of photographic images reshapes the internal logic ofrealism in contemporary woodcut practices. Situating the discussion within the theoretical framework of the pictorial turn and post-photographic visual culture, the study examines how photographic mediation redistributes structural authority in the process of print production.

Methodology:

The research adopts a conceptual and analytical approach. It synthesizes theoretical discussions on realism, image mediation, and visual culture with practice-oriented analysis of contemporary exhibition-oriented woodcut workflows. By examining how photographic references influence compositional planning, tonal hierarchy, and framing decisions prior to carving, the study develops a conceptual distinction between structural construction and structural alignment.

Results and discussion:

The analysis suggests that contemporary realist woodcut frequently operates through structural alignment rather than primary structural construction. Photographic images often stabilize spatial organization, tonal relationships, and compositional framing before the carving process begins. As a result, the printmaker's role increasingly shifts toward translating and adapting a pre-structured image into relief form. This transformation does

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not eliminate technical skill or material specificity but alters the origin of pictorial coherence. In exhibition contexts shaped by digital circulation, photographic plausibility further influences evaluative criteria for realism.

Conclusion and/or recommendations:

Realism in contemporary printmaking is therefore not abandoned but recalibrated within an image-saturated visual environment. Recognizing the distinction between structural construction and structural alignment provides a framework for understanding how photographic mediation reorganizes the production and reception of realist woodcut practices.

Keywords: *realism; photographic images; printmaking; woodcut; pictorial turn; image mediation*

1. Introduction:

Realism has long occupied a central position in the history of printmaking. In woodcut and other relief processes, the production of a convincing image has traditionally depended on the artist's ability to translate perceptual experience into structured graphic form. Light, depth, and volume must be reorganized into lines, planes, and contrasts. Because carving demands reduction, realism in woodcut has historically required active spatial construction rather than surface imitation. The credibility of the image emerged from structural decisions made during the interpretive process.

In recent decades, however, photographic images have become increasingly central to this process. In many contemporary exhibition-oriented print studios, the development of a realist woodcut begins with the selection and refinement of a photographic reference. Perspective, framing, tonal hierarchy, and compositional emphasis are often determined before carving starts. Digital editing tools further stabilize these decisions by allowing adjustments to contrast, cropping, and clarity. The photograph thus functions not merely as subject matter but as a pre-structuring device.

This procedural shift raises a broader theoretical question: does realism in contemporary printmaking still originate primarily in perceptual construction, or has it become increasingly aligned with pre-structured image systems? The issue is not the use of photography per se,

but the redistribution of structural authority. When a photograph provides the spatial organization of the scene, the role of the printmaker may shift from constructing coherence to translating and preserving it.

The issue must be understood within the wider cultural condition often described as the pictorial turn. As visual culture becomes saturated with photographic and digital imagery, images increasingly shape how reality is perceived and evaluated. Photographic coherence—sharp focus, controlled lighting, stabilized perspective—frequently defines what appears credible. In exhibition contexts, works that align with this visual grammar may be interpreted as more convincingly realistic. Realism thus becomes entangled with image-based norms rather than grounded solely in perceptual reconstruction.

Woodcut practices provide a particularly revealing site for examining this transformation. Relief carving exposes structural decision-making more visibly than continuous-tone media. The process requires the artist to determine what to cut and what to preserve, how to distribute black and white, and how to maintain depth through graphic means. When photographic images function as primary references, the structural logic embedded in the image can significantly influence these decisions. The medium does not simply replicate the photograph; it re-mediates it. Yet the origin of spatial coherence may increasingly lie in the photographic frame.

It is important to clarify that this development should not be understood as a decline in artistic skill or a loss of material specificity. Contemporary woodcut remains technically demanding. Carving, inking, and printing continue to require precision and interpretive judgment. However, the conceptual starting point of realism may shift. Instead of deriving compositional structure from direct observation of the physical subject, artists often begin with images that have already stabilized perspective and tonal hierarchy.

This study examines how photographic images transform the internal logic of realism in contemporary printmaking, with woodcut practices serving as the primary case. It proposes a distinction between structural construction and structural alignment. Structural construction refers to the active organization of perceptual complexity into coherent pictorial order. Structural alignment designates a mode of practice in which compositional and tonal

structures are inherited from photographic or digitally mediated images and then translated into print form.

By applying this distinction, the article seeks to move beyond binary debates about authenticity or dependence. The goal is not to determine whether photographic usage is legitimate but to analyze how it redistributes structural authority. Understanding this shift clarifies how realism persists after the pictorial turn: not as a direct transcription of the visible world, but as a practice negotiated within image-saturated environments.

The following section reviews relevant theoretical discussions of realism, image mediation, and post-photographic visual culture in order to situate contemporary woodcut within broader debates on representation and visual authority.

2. Literature Review

2.1 Realism as Structural Construction

Discussions of realism often begin with resemblance, yet historical aesthetic theory demonstrates that realism has always depended on structural organization rather than surface duplication. Alberti's formulation of pictorial space established realism as a matter of spatial regulation (Alberti, 1991). Perspective systems were not simply optical observations but constructed frameworks that stabilized relations among objects within a coherent field. The framed image functioned as an ordered system in which depth, scale, and proportion were deliberately arranged.

This emphasis on spatial construction was later reframed in cognitive terms by E.H. Gombrich. In Art and Illusion, Gombrich describes representation as a process of "making and matching," in which artists work through schemata and adjust them in response to observation (Gombrich, 2000). Realism emerges not from copying the world but from refining internal models. The visible environment presents excessive detail; representation requires selection and structural simplification. The credibility of an image depends on how effectively it organizes perceptual information into intelligible form.

These theoretical positions are particularly relevant to printmaking. Unlike continuous-tone painting, relief processes such as woodcut require explicit structural decisions. Depth must be articulated through contrast; light must be translated into graphic divisions; mass must be suggested through edge control and spatial layering. The medium exposes the mechanics of

pictorial construction. A realist woodcut persuades not because it accumulates detail but because its internal relationships are coherently arranged.

Historically, even when artists consulted photographs, the structural logic of the final work remained the result of interpretive reconstruction. The photograph served as evidence rather than authority. The printmaker analyzed and reorganized the source material according to the demands of the medium. Realism, in this sense, was grounded in perceptual engagement and material translation.

2.2 The Pictorial Turn and Image Authority

The concept of the pictorial turn, articulated by W. J. T. Mitchell, marks a significant reorientation in the understanding of images. Rather than treating images as secondary to language or as passive reflections of reality, Mitchell argues that images possess cultural agency and actively participate in shaping perception (Mitchell, 1994). The pictorial turn does not suggest that images replace language but that they occupy a central epistemological position in contemporary culture.

Within this framework, images do more than represent; they organize perception. Photographic images, in particular, have become powerful models of visual coherence. Framing, focus, tonal balance, and depth compression contribute to a recognizable grammar that defines plausibility. As these conventions circulate widely, they establish expectations about what appears credible.

For contemporary printmaking, this shift is consequential. When artists rely on photographic references, they engage not only with subject matter but with structured visual systems. The photograph provides spatial framing and compositional hierarchy before carving begins. Under conditions shaped by the pictorial turn, realism increasingly aligns with image-based coherence. The authority of the image precedes and influences material translation.

This development does not eliminate artistic agency; rather, it repositions it. The locus of structural decision-making moves partially from perceptual encounter to image mediation. The printmaker interprets a structured image rather than constructing spatial order solely from observation. To understand how this mediation operates in contemporary practice, further consideration of post-photographic conditions is necessary.

2.3 Post-Photography and Digital Mediation

Post-photographic theory addresses the transformation of photographic images in the digital era. Scholars such as Fred Ritchin emphasize that digital photography destabilizes traditional notions of indexical truth while maintaining visual authority (Ritchin, 2008). Images can be edited, composited, and redistributed with ease. Yet even as their evidentiary status becomes uncertain, photographic images continue to define standards of realism.

This paradox is central to contemporary visual culture. As Bolter and Grusin argue in their discussion of remediation, new media often refashion earlier visual forms rather than replacing them (Bolter & Grusin, 1999). Photographic coherence persists within digital systems, reinforcing expectations of visual plausibility. High resolution, tonal clarity, and perspectival stability function as markers of realism.

In artistic contexts, this persistence shapes practice. Many contemporary artists conceive compositions through photographic framing conventions. Digital tools allow preliminary adjustments that resolve compositional uncertainties before material production begins. The result is that structural coherence is frequently established at the level of the image file rather than through direct perceptual construction.

For woodcut practices, this shift alters the translation process. The artist begins with a reference image whose spatial order has already been stabilized. Carving becomes a process of re-mediating that order into relief form. Although material resistance still requires interpretive decisions, the foundational organization of the scene often derives from the photographic source. Realism thus moves toward alignment with image-based systems rather than emerging entirely from perceptual analysis.

2.4 Printmaking, Woodcut, and the Question of Structure

While extensive scholarship addresses photography and digital mediation, fewer studies examine how these developments reshape structural logic within printmaking. Discussions of contemporary woodcut often focus on material revival, technical innovation, or historical continuity. The redistribution of structural authority under image mediation receives comparatively limited attention.

Woodcut provides a particularly visible site for examining this issue. The medium foregrounds contrast and edge definition, qualities that translate effectively into digital

documentation and exhibition photography. As works circulate online or in catalogues, those that align with photographic clarity may appear more immediately legible. Anticipation of such circulation can subtly influence compositional choices during production.

The question, therefore, is not whether photographic images are used, but how their structural authority interacts with the demands of the medium. When the primary spatial organization of a work is inherited from a photograph, the role of carving shifts. Structural construction becomes intertwined with structural alignment. The printmaker negotiates between material specificity and image-based coherence.

Recent scholarship on contemporary Chinese printmaking further indicates that the medium has entered a phase of reflective redefinition in response to digital and global visual conditions. Liu and Bin Mohamed Saat (2024) observe that recent exhibition practices reveal an ontological reconsideration of print language, particularly in large-scale national exhibitions where printmaking negotiates between tradition and new media contexts. Similarly, Chang and Phungamdee (2025) highlight how process, flatness, and material texture are increasingly mobilized not merely as formal attributes but as conceptual resources within contemporary practice. These discussions suggest that printmaking is not retreating from mediation but actively reconfiguring its structural logic within contemporary image culture.

By situating contemporary woodcut within debates on realism, the pictorial turn, and post-photography, this study identifies a conceptual gap. Existing literature explains the rise of image authority but seldom analyzes how it reconfigures structural labor within print processes. Addressing this gap clarifies how realism persists after the pictorial turn—not as a simple continuation of perceptual reconstruction, but as a practice shaped by mediated visual systems.

3. Methodology

This study adopts a conceptual and analytical research design. Rather than conducting empirical surveys or quantitative measurements, the article examines the transformation of realism through theoretical synthesis and practice-oriented analysis. The focus is on how structural authority is redistributed within contemporary printmaking when photographic images serve as primary references.

The research proceeds in three stages. First, it establishes a theoretical framework by synthesizing key discussions of realism and image mediation. Concepts drawn from aesthetic theory—particularly realism as structural construction—and from image theory—especially the pictorial turn and post-photographic mediation—provide the conceptual foundation. These perspectives are not treated as isolated doctrines but as interpretive tools for understanding contemporary practice.

Second, the study applies this framework to contemporary exhibition-oriented woodcut practices. Woodcut is selected as the primary case medium for two reasons. First, relief carving exposes structural decisions more visibly than continuous-tone media. The reduction of form into graphic contrasts makes compositional organization explicit. Second, woodcut continues to occupy a significant place in contemporary exhibition contexts, where photographic documentation and digital circulation play an increasingly important role in shaping reception.

The analysis focuses on the relationship between photographic reference and carving process. Particular attention is given to how perspective, tonal hierarchy, framing, and focal emphasis are established prior to carving and how these elements are translated into relief form. Rather than evaluating individual artworks in detail, the study identifies recurring procedural patterns observable in contemporary practice. These patterns illustrate the distinction between structural construction—where spatial coherence emerges from perceptual interpretation—and structural alignment—where coherence is inherited from pre-structured photographic images.

Third, the article considers the implications of this shift for evaluative criteria in exhibition contexts. By examining how photographic coherence influences both production and reception, the study connects studio practice with broader visual culture. This approach allows the analysis to remain grounded in material process while acknowledging the role of mediated image systems.

The methodology is therefore interpretive and comparative. It does not aim to measure the frequency of photographic usage but to clarify how such usage alters the internal logic of realism. Through conceptual distinction and practice-based reflection, the study articulates a framework for understanding the transformation of realism in contemporary printmaking.

4. Results and Discussion

4.1 From Structural Construction to Structural Alignment

The preceding theoretical discussion proposed a distinction between structural construction and structural alignment. The analysis of contemporary woodcut practices suggests that this distinction is not abstract but observable in studio procedure.

Structural construction describes a mode of working in which spatial coherence emerges through interpretive engagement with the subject. The artist observes, simplifies, and reorganizes forms before carving begins. Perspective is adjusted through analysis rather than inherited from a fixed image. Tonal hierarchy is determined by evaluating light relationships directly. Even when sketches or references are used, the core spatial organization develops through perceptual reasoning.

Structural alignment, by contrast, begins with a pre-structured image—most often a photograph. The photograph already determines framing, perspective, and focal emphasis. Depth relationships are stabilized through lens-based optics. Contrast may be heightened through digital adjustment. When such an image functions as the primary reference, the carving process shifts from constructing order to translating it.

In contemporary exhibition-oriented woodcut, structural alignment is frequently evident in compositional decisions. Centralized focal points, cinematic lighting contrasts, and tightly cropped framing reflect photographic conventions. The carved surface re-mediates these decisions, yet their origin often lies in the reference image. The resulting work may display high technical control and persuasive realism, but the spatial architecture is no longer generated primarily through perceptual reconstruction.

This shift does not eliminate structural labor. Relief carving still demands reduction and interpretive judgment. The artist must decide how to convert tonal gradients into graphic contrasts, how to preserve depth through line density, and how to maintain coherence across the printed surface. However, the foundational arrangement of elements is frequently stabilized prior to carving. Structural reasoning moves upstream, occurring at the stage of image selection and editing rather than during material construction.

The significance of this shift lies in the redistribution of cognitive emphasis. Under structural construction, the central problem is how to interpret the visible world into stable pictorial

form. Under structural alignment, the central problem becomes how to faithfully and effectively translate an already stabilized visual system into the medium of woodcut. Realism remains the goal, but the route toward it changes.

Importantly, this transformation should not be framed as a simple decline in interpretive engagement. Structural alignment can produce visually compelling works. It may even increase technical refinement, as artists devote greater attention to preserving tonal nuance and edge precision. The critical issue is not skill but origin: where does the structural coherence of the image come from?

By distinguishing these two modes, the analysis clarifies how realism is reconfigured after the pictorial turn. The authority of structure shifts from perceptual encounter toward mediated image systems. Woodcut practices do not abandon realism; they recalibrate it within a visual regime where photographic coherence increasingly defines plausibility.

4.2 Photographic Mediation in Woodcut Practice

The procedural influence of photographic images becomes especially visible when examining the stages preceding carving. In many contemporary woodcut studios, the workflow includes photographing the subject, selecting from multiple shots, digitally cropping and adjusting contrast, and sometimes converting the image into grayscale before transferring it onto the block. Each of these steps stabilizes structural decisions.

Framing, for example, is often resolved photographically. The lens fixes viewpoint and compresses depth. Cropping refines focal emphasis. By the time the image is transferred, the spatial organization has already achieved coherence within the photographic frame. The printmaker's task becomes one of adaptation: determining how to preserve that coherence through graphic means.

Tonal hierarchy similarly originates in the photographic reference. Digital editing tools allow artists to heighten contrast or clarify light relationships before carving. This pre-adjustment reduces uncertainty during the carving process. The artist no longer determines tonal structure solely through perceptual observation but works from an image whose tonal distribution has been standardized.

Recent studies on digitally integrated printmaking workflows further confirm this procedural shift. Zheng and He (2025) demonstrate how image segmentation and computational processing increasingly inform compositional planning prior to material execution, indicating that structural decisions are often stabilized through digital mediation before carving begins. Although their focus centers on technological implementation, their findings imply that structural coherence may be partially established within digital systems rather than solely through manual construction. In a related vein, Liu (2024) argues that digital representations of printmaking are now subject to semantic classification and computational analysis, reinforcing the dual existence of contemporary prints as both physical artifacts and data-structured images. These developments further support the observation that structural reasoning frequently moves upstream, occurring within digital preparation rather than emerging exclusively during the carving process.

In exhibition-oriented contexts, such stabilization offers advantages. Prints derived from photographically structured images often appear immediately legible. Depth reads clearly; focal areas attract attention; compositional balance aligns with familiar visual grammar. These qualities can enhance the persuasive force of the work within gallery settings.

However, photographic mediation also narrows certain forms of interpretive exploration. When the image file resolves structural uncertainties in advance, opportunities for spontaneous reconfiguration during carving may diminish. The block increasingly functions as a site of execution rather than primary structural invention. The artist's engagement shifts from constructing space to preserving image-based coherence.

This does not imply uniform practice across all contemporary woodcut. Some artists deliberately disrupt photographic logic, reintroducing structural reinterpretation or fragmenting perspective. Yet the widespread reliance on photographic mediation suggests that structural alignment has become a common procedural baseline.

The implications extend beyond individual works. When photographic coherence becomes normalized within woodcut practice, evaluative standards may adjust accordingly. Realism may be measured less by the ingenuity of structural reconstruction and more by the clarity of

image translation. The following section considers how exhibition contexts reinforce this recalibration.

4.3 Exhibition Context and the Recalibration of Realism

Contemporary woodcut does not circulate solely within the physical space of the gallery. Works are documented, reproduced in catalogues, and displayed online. Digital circulation plays a central role in shaping reception. As prints are encountered through photographic documentation, their legibility within photographic frames becomes increasingly significant. As Steyerl (2009) notes, the circulation of images in digital culture reshapes both visibility and value. The circulation of images in digital culture reshapes both visibility and value (Steyerl, 2009).

Works that maintain strong contrast, clear spatial layering, and centralized focal structures tend to reproduce effectively in digital formats. These qualities correspond to photographic norms. As viewers encounter prints through screens before seeing them physically, expectations of realism become intertwined with mediated visibility.

This environment contributes to a subtle recalibration of evaluative criteria. Realism is not abandoned; rather, it is interpreted through the lens of photographic plausibility. Structural coherence continues to matter, but it is frequently assessed in relation to how convincingly the print aligns with image-based expectations.

Within such contexts, woodcut practices operate at an intersection of material tradition and digital mediation. The carved block produces tactile surfaces and physical presence, yet its structural logic may originate in photographic framing. The work exists simultaneously as an object and as an image within circulation networks.

Understanding this dual condition clarifies the broader transformation of realism. After the pictorial turn, realism persists not as a purely perceptual reconstruction of the world, but as a negotiation between structural construction and structural alignment. Woodcut practices exemplify this negotiation. The medium retains its material specificity while adapting to image-saturated visual culture.

5. Conclusion and/or Recommendations

This study has examined how the use of photographic images reshapes the internal structure of realism in contemporary printmaking, with woodcut practices serving as the primary case. By distinguishing between structural construction and structural alignment, the article has argued that realism after the pictorial turn is not eliminated but reconfigured. The central transformation concerns the origin of structural coherence.

Historically, realism in printmaking depended on interpretive engagement with perceptual complexity. Spatial organization emerged through analytical simplification and material translation. In contemporary practice, however, photographic images frequently stabilize framing, perspective, and tonal hierarchy before carving begins. Structural reasoning increasingly occurs at the level of image selection and digital preparation. The carving process re-mediates this pre-established coherence.

This redistribution does not imply a decline in skill or material specificity. Woodcut remains technically demanding, and the act of translation continues to require judgment. However, the conceptual starting point shifts. Rather than constructing spatial order primarily through direct observation, artists often align their work with photographic systems that have already resolved compositional uncertainties. Realism thus becomes negotiated within image-based norms.

The exhibition context reinforces this shift. As prints circulate through digital documentation and online platforms, photographic plausibility shapes reception. Works that align with familiar image grammar may appear more immediately convincing. Structural coherence is evaluated not only in relation to perceptual reconstruction but also in relation to mediated visibility.

Recognizing this transformation clarifies how realism persists in contemporary printmaking. It survives not as a simple continuation of traditional construction but as a practice operating within image-saturated environments. Woodcut exemplifies this condition because its material processes make structural translation visible. The medium reveals how photographic coherence is absorbed, adapted, and occasionally challenged within relief form.

Future research may extend this analysis in several directions. Empirical study of studio workflows could further document how photographic mediation influences compositional

decision-making. Comparative analysis across different print processes—such as etching or screen printing—may reveal variations in how structural alignment operates. Additionally, closer examination of specific artists or exhibitions could deepen understanding of how realism is recalibrated within particular institutional contexts.

By situating contemporary woodcut within broader debates on realism and image authority, this study contributes a conceptual framework for understanding how structural labor shifts under photographic mediation. Realism after the pictorial turn is neither abandoned nor simply reproduced; it is reorganized. The distinction between construction and alignment provides a conceptual tool for analyzing this reorganization without collapsing it into either technological determinism or nostalgic critique.

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