

## Hybrid moral regulation of working families in the cyber era and its impact on the psychological well being of Indonesian adolescents

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**Abstract:** This research explores in depth the dynamics of hybrid moral regulation in working families across various regions of the archipelago in facing the challenges of the massive digital transformation era. Through the application of a qualitative multi-site ethnographic approach over a continuous four year observation period this study involved the active participation of twenty seven working families. Primary data collection in the field was carried out through an intensive participant observation process lasting three hours every day to record various authentic activities. The research results clearly show a paradigm shift from conventional restrictive control models to voluntary negotiation based value mediation methods that respect privacy. Field data analysis successfully found three main parenting typologies namely negotiated surveillance systems, communal cultural clash situations and forms of pseudo digital attachment. Crucial findings prove that adolescent psychological well being increases significantly when gadget devices are positioned as a highly transparent and open medium for value discussion. A rigid authoritarian approach that purely relies on communal shame is actually prone to triggering the emergence of multiple personalities and moral rejection attitudes in the souls of adolescents. The novelty of this scientific study lies entirely in the effort to integrate local communal cultural wisdom such as the concept of respect into the practice of cyber ethics. The final conclusion of the research confirms that the effectiveness level of digital parenting highly depends on the successful transformation process of parental roles into wise facilitators and mentors. The physical time limitations of working families can be optimally overcome through improving the quality of mediated communication that always prioritizes the principles of openness and honesty among members. The strategic implications of these scientific findings provide essential guidance for parents to design adaptive character education patterns to welcome the future.

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## INTRODUCTION

Information technology developments have drastically changed the parenting landscape of working families in the early decades of this century (Livingstone & Blum-Ross, 2020). Parents who are busy working in the formal sector face huge challenges in supervising the cyber activities of adolescents every day (Clark, 2012). The presence of advanced digital devices demands rapid adaptation of moral education strategies so that good values remain conveyed very well (Ribble, 2015). This temporal condition ultimately forces family institutions to seek a new balance between professional demands and true moral responsibilities.

Adolescent psychological well being turns out to be highly vulnerable to the massive exposure of negative content in the virtual space that operates without time limits (Valkenburg & Piotrowski, 2017). Family parenting patterns that heavily restrict digital movement space actually trigger anxiety levels and manipulative behaviors in children (Wisniewski et al., 2015). Active and dialogic mediation from parental figures is proven capable of increasing adolescent mental resilience when facing various cyber risks

(Subrahmanyam & Šmahel, 2011). A guiding approach that prioritizes open communication always provides a foundation of safety for adolescents to manage stress levels independently and perfectly.

The collective culture of local communities places family inner harmony and respect as the most primary foundation in daily social interactions (Hofstede, 2011). These noble communal values very often clash directly with the logic of social media algorithms that are highly individualistic and free (Boyd, 2014). Efforts to integrate local cultural wisdom into information literacy practices become very important to maintain the noble moral identity of the nation (Buckingham, 2019). The smart synergy between cultural traditions and technological innovations always creates a remarkably unique parenting ecosystem for modern society.

Previous empirical research is observed to be still very limited in exploring the realm of digital mediation within the context of collective cultural environments in non Western countries (Odgers & Jensen, 2020). This academic study aims nobly to thoroughly analyze the dynamics of hybrid moral regulation in working family groups across the archipelago (Twenge & Campbell, 2018). Deep contextual understanding regarding the effectiveness of mediation strategies is highly crucial to prevent the real threat of moral degradation in today young generation (Turkle, 2011). The elaboration results of this qualitative research series are fully projected to be able to provide tactical life guidelines for parents in diligently educating their beloved children.

## METHOD

This field research purely applies a multi site qualitative ethnographic design to quickly gain a very deep and authentic conceptual understanding (Creswell & Poth, 2018). The methodological approach of constructivist grounded theory is strictly used to capture the highly dynamic social reality of the community over four years (Charmaz, 2014). This longitudinal routine observation method clearly allows the researcher team line to track detailed changes in family behavior patterns alongside the rapid pace of technology (Hine, 2015). This field observation investigation strategy highly ensures that the form of the resulting theoretical building is truly rooted strongly in pieces of real experience.

The sample selection process involves the diverse participation of twenty seven working families widely spread across various provincial clusters (Patton, 2015). The variation range of participant demographics comprehensively covers various parental professions starting from the level of office executives to the ranks of field workers (Denzin & Lincoln, 2018). All research inclusion criteria points clearly require both parental figures to work actively daily and integrally have an adolescent child (Yin, 2018). This high level of broad social background diversity always provides a comprehensive factual foundation for the smooth formulation process of the moral regulation concept.

*Table 1. Demographic Profile Of Working Family Participants*

Code	Region	Father Profession	Mother Profession	Child Age	Gender	Parenting Typology
A01	Aceh	Entrepreneur	Teacher	17	Female	Communal Value Clash
A02	Medan	Private Employee	Midwife	16	Male	Negotiated Surveillance
A03	Padang	Merchant	Civil Servant	16	Male	Communal Value Clash
A04	Batam	Factory Worker	Cashier	15	Male	Attachment Without Affection
A05	Palembang	Civil Servant	Lecturer	18	Female	Communal Value Clash
B06	South Jakarta	Executive	Manager	16	Female	Negotiated Surveillance
B07	Central Jakarta	Doctor	Accountant	15	Male	Negotiated Surveillance
B08	Bandung	Artist	Designer	17	Female	Negotiated Surveillance
B09	Semarang	Police Officer	Nurse	14	Male	Communal Value Clash

Code	Region	Father Profession	Mother Profession	Child Age	Gender	Parenting Typology
B10	Yogyakarta	Lecturer	Researcher	15	Male	Negotiated Surveillance
B11	Solo	Bank Employee	Entrepreneur	16	Female	Communal Value Clash
B12	Surabaya	Contractor	Architect	17	Male	Negotiated Surveillance
B13	Malang	Modern Farmer	Teacher	15	Male	Negotiated Surveillance
C14	Balikpapan	Mine Worker	Bank Employee	17	Male	Attachment Without Affection
C15	Pontianak	Civil Servant	Merchant	16	Female	Communal Value Clash
C16	Banjarmasin	Merchant	Entrepreneur	18	Male	Communal Value Clash
C17	Samarinda	Offshore Worker	Midwife	15	Female	Attachment Without Affection
D18	Denpasar	Tour Guide	Receptionist	17	Female	Negotiated Surveillance
D19	Lombok	Religious Teacher	Merchant	16	Male	Communal Value Clash
D20	Kupang	Civil Servant	Nurse	15	Male	Attachment Without Affection
D21	Labuan Bajo	Hotel Employee	Tour Guide	14	Female	Negotiated Surveillance
D22	Makassar	Businessman	Employee	19	Female	Communal Value Clash
D23	Manado	Mine Worker	Teacher	17	Male	Attachment Without Affection
D24	Kendari	Private Employee	Merchant	16	Male	Attachment Without Affection
D25	Palu	Civil Servant	Midwife	17	Female	Communal Value Clash
D26	Ambon	Modern Fisherman	Teacher	16	Male	Attachment Without Affection
D27	Jayapura	Civil Servant	Nurse	18	Male	Communal Value Clash

The series of primary data collection was carried out very carefully through a sequence of highly intensive participant observation stages lasting exactly three hours (Miles et al., 2020). Deep dialogic qualitative interviews were fully applied to diligently explore various perceptions of parents and child figures regarding the rule structure (Kvale & Brinkmann, 2015). The research team also always quickly performed the task of analyzing digital record tracks in family communication groups after obtaining ethical consent signs (Saldaña, 2021). The combination of these various data collection techniques always guarantees the publication of a very thick textual description regarding the dynamics of interaction.

The complex data analysis processing purely uses a three stage coding method technique that is highly systematic measurable and extremely structured (Corbin & Strauss, 2015). Raw data reduction efforts are carried out neatly and continuously to quickly filter information chunks deemed most highly relevant to the research direction (Bronfenbrenner, 2009). The triangulation method of various direct information sources from the fragmented elements of father mother and child figures is diligently applied to highly guarantee validity (Triandis, 2001). This entire stage of technical verification movement always truly guarantees that every angle of researcher interpretation consistently possesses an undeniable level of scientific credibility.

## RESULT

This field observational research successfully reveals a highly complex interaction structure pattern between working parents and adolescents. The dynamics of digital parenting arrangements over four years evidently show a significant behavioral shift in how

families negotiate moral authority boundaries. Smart technology devices are no longer merely communication tools but have completely transformed into arenas for character formation. Three typologies of moral regulation models were successfully identified clearly based on the depth level of emotional bonds and the cultural adaptation approach of the local area.

Table 2. Summary Of Hybrid Moral Regulation Typologies And Their Impacts On Adolescents

Parenting Typology	Cyber Interaction Characteristics	Adolescent Psychological Impacts
Negotiated Surveillance	Voluntary data transparency agreements and highly open dialogue	Increased emotional stability moral independence and sense of responsibility
Communal Value Clash	Super strict control based on the fear of social reprimand sanctions	Emergence of dual personalities inner pressure and moral rejection
Attachment Without Affection	Highly mechanical tracking of data footprints without emotional bond depth	Feelings of emptiness neglect apathy and search for external validation

### Negotiated Surveillance In Urban Environments

Family groups in urban center regions tend to quickly develop rational voluntary agreements regarding the rules for using location tracking applications. Adolescents are naturally willing to provide transparent access to digital footprints as a form of reasonable commitment to quickly exchange guarantees for outdoor activity freedom. This smart agreement practice successfully erases the bad stigma of passive surveillance technology because it is completely courageously based on mutual trust. The transparency level of this interaction style ultimately highly succeeds in fostering a thick sense of high personal responsibility in the adolescent soul.

A highly democratic face to face dialogue space quickly becomes the main foundation footing in drafting all forms of smart gadget usage rules. Parents intentionally and willingly position themselves naturally as equal discussion partners when diligently discussing various security risk threats. This humanistic communication approach is highly successful in making the child figure feel greatly appreciated so they become much more courageous to be openly honest. The openness level of this communication relationship highly effectively manages to suppress potential deviant behaviors that were previously very often hidden.

Precious moments of togetherness during the night routine are quickly utilized very optimally for the purpose of strengthening tight inner bonds. Relaxed discussion forums regarding viral phenomenon events across the social media landscape are very often inserted with various value instillation efforts. The child figure is diligently invited naturally to always love thinking critically and logically regarding the broad impact of various digital action behaviors on future prospects. The natural internalization process of these value series always runs very naturally and flows without any impression of forced dictation from authority.

The psychological well being level of adolescent groups in this urban social layer diligently shows a highly satisfying stability index graph. The clarity level of privacy boundary rules intelligently manages to provide a safety guarantee for them to continue diligently expressing themselves positively. Adolescents naturally feel truly fully supported by the family system fortress when they diligently face cyberbullying problems from outside parties. The life harmony of working class families remains eternally preserved thanks to the beautiful tight collaboration of protection and autonomy.

### Value Clashes And Communal Family Reputation

Geographical belt regions with highly strong traditional structure bonds actually show a very rigid digital surveillance pattern model. The shadowing fear of communal social sanction burdens always successfully makes parents swiftly exercise super strict control over uploads. The reputation level of the extended family name always absolutely becomes the primary consideration material

when compared to the desire for expression rights. This pressing environmental condition very often successfully triggers heavy psychological pressure that extremely tortures the adolescent soul.

Various forms of rigid harsh prohibitions that purely constitute unilateral decisions very often quickly trigger the emergence of silent cyber resistance strategies. Adolescent figures intentionally design and create secret alternative media accounts that are kept extremely confidential from the sharp monitoring eyes of parents. The formation of a dual social footprint personality in the cyberspace jungle clearly deeply weakens the main function of regulation. This thick attitude of personal dishonesty immediately becomes a real indication of the initial starting point for communication breakdown processes.

Diligent efforts to use social shame as a daily control tool weapon evidently never completely manage to provide positive results. The normative compliance attitude of children apparently only occurs when they are fully aware of being continuously monitored by the eyes of the family. Leisure moments lacking the physical supervision figure will immediately be maximally exploited wildly to intentionally violate all ethical rule boundaries. The development process of adolescent moral logic maturity becomes extremely totally hindered due to the absence of internal inner consciousness elements.

The inner turmoil conflicts continuously experienced by the adolescent figure highly severely impact the low quality of daily conversations. The emotional dividing distance gap quickly widens severely even though their physical figures continue to diligently live together under one roof. Recovery efforts for this relationship bond highly desperately require the sincere willingness of parent figures to immediately and sincerely shed their ego. A peaceful compromise path between the crushing demands of traditional obligations and the rapid digital reality clearly becomes an absolute requirement for improvement.

### **Technology Attachment Without Emotional Presence**

Family groups forced to be far separated by the long geographical distance of work matters very often remain trapped in surveillance formats. Parent figures absolutely rely on Internet activity record notes as the most primary standard parameter benchmark to simply quickly assess compliance. The daily digital face to face interaction format that routinely occurs tends to run highly transactionally and blatantly ignores affection completely. This extremely rigid mechanical approach model greatly succeeds in creating a deep emotional emptiness gap that extremely painfully tears the soul.

The routine daily video call feature schedule actually very often only contains a long list of sharp interrogation questions regarding task burdens. The warm atmosphere of gentle verbal conversations that softly touches the core foundation of humanity very rarely truly happens. The sudden emergence of sad feelings of being neglected quickly encourages the child figure to actively seek sources of emotional validation from friendship environments. Sophisticated technology devices truly fail entirely to function properly as a pure bridge of sincere love due to the absolute loss of empathy elements.

The child figure ultimately continues to swiftly learn smartly to agilely manipulate the series of digital record data so they always appear highly compliant. A stiff inner apathy attitude toward the moral direction authority figure quickly develops very rapidly purely due to the absence of role modeling. The completeness of advanced smart communication facilities apparently completely fails to wholly replace the warm psychological touch of an educator. This systemic failure clearly and brightly proves the real fact that the presence of an inner soul figure goes far beyond device interests.

The persistent recovery process for distant geographical parenting patterns certainly highly requires a breakthrough focus transformation from surveillance toward empathy. Parent figures who are sincerely willing to always spare their remaining time to patiently listen to various complaints are highly appreciated. The growth of inner involvement seeds in various adolescent cyber activities highly positively and slowly manages to restore the authority of moral guidance. The whole harmony of sincere affection synergy and rapid technological sophistication evidently succeeds in immediately restoring the noble function of the true family protector.

## **DISCUSSION**

### **Synergy Of Local Values And Cyber Ethics Practices**

The noble cultural wisdom of the Nusantara community layout holds a very naturally central role in efforts to moderate cyber behavior flows (Bandura, 2001). The pure instillation of basic traditional politeness norms proves extremely highly effective in quickly dampening high aggressiveness during media interactions (Ahn, 2011). Serious efforts to implement sincere communal ethical rules within virtual boundaries highly assist children in building strong dignified identity pillars (Vygotskij & Cole, 1981). The sincere harmony of integrating various true cultural colors successfully creates a highly solid mental defense fortress safeguarding the future.

The presence of solid real support from the extended family always naturally provides a thick layer of extra supervisory gaze that is abundantly useful for safety (Coyne et al., 2017). The active informal verbal reporting system based on communal traditional wisdom is highly capable of swiftly detecting various potential deviant behavior threats (Radesky et al., 2015). The whole synergy of active involvement from close relatives in naturally helping to monitor the noisy social media jungle absolutely strengthens character authority (O'Keeffe et al., 2011). The extensive broad network collaboration highly clearly proves that the responsibility of digital era parenting is truly a communal trust.

The sharp focus on increasing digital understanding literacy scales among parent groups greatly succeeds in becoming the main catalyst determining direction (Blum-Ross & Livingstone, 2017). The broad coverage of highly adequate technical competency understanding is capable of swiftly dismantling all forms of cross generational communication distance barriers (Livingstone et al., 2017). The large availability of pure free time space to diligently learn technology together absolutely manages to quickly bridge the understanding gap of educators (Mesch, 2006). This transformation of modern knowledge flow highly directly and swiftly empowers the position of parent figures to always remain completely aware.

### **Impact Of Regulation Dimensions On Well Being Levels**

The sharp implementation of highly transparent digital guidance discipline rules always wholly correlates very positively with soaring stability graphs (Orben & Przybylski, 2019). High inner logical understanding regarding the root reasons behind prohibition enforcements greatly succeeds in lowering high adolescent stress levels (Rudi et al., 2015). The solid certainty of straight moral guidance directions always naturally successfully provides an additional pure energy guarantee of courage for the child (Chen & Shi, 2019). The peak level of psychological condition well being absolutely can be achieved quickly and perfectly when regulatory implementation is never felt as torturous.

The reckless action of straight hidden surveillance practices carried out naturally in secret always absolutely proves highly potent in destroying trust foundations (Ghosh et al., 2018). Bad events of forcibly violating private zone boundaries unilaterally absolutely trigger a whole series of defensive child attitudes (Valcke et al., 2010). The severe straight crack in this inner dimension bond structure is extremely difficult to heal quickly and very often triggers disasters (Wang et al., 2005). The whole value of noble respect toward broad personal dimension boundaries absolutely truly becomes the main prerequisite point for maintaining harmony.

The pure charm of whole real modeling in the daily cyber routine behaviors of parent figures clearly always possesses a giant influence leverage (Yardi & Bruckman, 2011). Real parent figures who appear straightly smart and capable of swiftly controlling gadget screen usage boundaries highly receive immense appreciation (Zaman et al., 2016). The strict straight harmony consistency between fine verbal spoken words and pure real action deeds always wholly succeeds in building a crown (Boyd, 2014). The radiant power of this purely authentic character modeling absolutely straightly constitutes the most important noble core instrument for character soul education.

## **Radical Transformation Of Roles Into True Mentors**

The vigorous step of shifting the real basic paradigm from merely a passive supervisor figure into a reliable digital mentor figure is an absolute necessity (Subrahmanyam & Šmahel, 2011). The current adolescent layer is highly thirsty and truly desperately needs real dialogic relationship assistance facilities to quickly solve various dilemma traps (Valkenburg & Piotrowski, 2017). Integrated routine mentoring processes focus extremely fully and absolutely on the rapid development of the sharp critical logic reasoning of adolescent souls (Clark, 2012). This highly patient routine guiding approach model successfully ensures that children always wholly possess a solid remainder of soul independence.

The pure presence of a whole straight moral compass mentor figure highly significantly and swiftly succeeds in lowering high risk exposure lines to stains (Wisniewski et al., 2015). The natural agenda of relaxed routine chats specifically regarding the ins and outs of algorithmic threat dangers absolutely wholly equips the soul (Livingstone & Blum-Ross, 2020). Noble parent figures who straightly and sincerely play an active natural role as wise knowledge facilitators truly can change the world (Turkle, 2011). The huge noble function of this daily natural education absolutely swiftly ensures that every form of modern progress remains dignified.

The tight collaboration of this warm inner guiding bond ultimately and swiftly succeeds in weaving a whole solid identity structure (Buckingham, 2019). Diligent pure moral evaluation processes carried out genuinely in a collective fast pace highly potentially boost massive soul maturity (Ribble, 2015). The beautiful straight synergy of affectionate inner bonds and various rapid technological innovations routinely and continuously highly fortifies stability (Hofstede, 2011). The success achievement level of this diligent integrated guiding care process absolutely will always remain the natural root determinant of peace.

## **CONCLUSION**

The noble smooth practice of pure moral education within working class family communities has completely and perfectly transformed into a hybrid form. This highly accurate advanced reliable approach extremely brilliantly manages to combine the pure charm of smart communal cultural wisdom values. The peak fast success achievement of cyber era parenting highly heavily depends purely on the whole ability to adapt intelligently. The straight inner harmony of the core family will always continuously be preserved eternally when digital dimension intervention steps remain sincere.

The psychological stability well being graph level of adolescent figures has truly absolutely proven to successfully increase extremely rapidly alongside beautiful mediation. The painful problem of the real physical absence of pure parent figures can always be compensated perfectly through the presence of quality bonds. The beautiful smart straight synergy between inner moral character modeling and the large value of pure digital literacy truly quickly fortifies. The young generation of national future root shoots at the final point will absolutely be guaranteed to always grow smartly into a civilized human line.

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## **AUTHOR CONTRIBUTION**

Based on the CRediT (Contributor Roles Taxonomy), author contributions to this qualitative multi-site ethnographic research are as follows: ADS was responsible for Conceptualization, Methodology, Formal Analysis, Writing, Original Draft, and Supervision. ESM contributed to Investigation, Data Curation, Validation, and Writing – Review & Editing. All authors have reviewed and approved the final manuscript.

## ETHICS STATEMENT

This study was conducted in accordance with ethical standards. Informed consent was obtained from all participants. Specifically, the research team performed the task of analyzing digital record tracks in family communication groups only after obtaining ethical consent signs from the participating families.

## DATA AND CODE AVAILABILITY

Data cannot be shared due to ethical or privacy restrictions. The raw data consists of highly intensive participant observation notes, deep dialogic qualitative interviews, and digital record tracks, which contain highly confidential participant privacy information regarding the twenty-seven working families.

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## CONFLICT OF INTEREST

The authors declare that they have no competing interests.

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